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**Addendum Report for the  
AREE 70, AREE 69B, and Cold Spring Brook  
Supplemental Sampling Event**

**Base Realignment and Closure  
Environmental Evaluation (BRAC EE)  
Fort Devens, Massachusetts**

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**Submitted to**

**U.S. Army Environmental  
Center (USAEC)  
Aberdeen, Maryland**

**Revision 0  
November 1995**

**Arthur D. Little, Inc.  
Acorn Park  
Cambridge, Massachusetts  
02140-2390**

**ADL Reference 67065-13**

**DAAA15-91-D-0016  
Delivery Order 0005**

19971002 091

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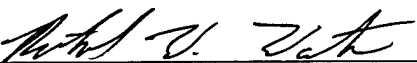
Arthur D Little

Base Realignment  
and Closure  
Environmental  
Evaluation (BRAC EE)  
Fort Devens,  
Massachusetts

  
Program Manager, Robert Lambe  
11-9-95  
Date

Submitted to

U.S. Army Environmental  
Center (USAEC)  
Aberdeen, Maryland

  
Task Manager, Richard Waterman  
11-14-95  
Date

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## List of Acronyms and Abbreviations

|                 |   |
|-----------------|---|
| AOC             | Area of Concern   |
| AREE            | Area Requiring Environmental Evaluation                     |
| B&M             | Boston & Maine  |
| Cl-             | Chloride  |
| DDD             | 1,1-dichloro-2, 2-bis(p-chlorophenyl)ethane                 |
| DDE             | Dichlorophenyl-dichloro-ethylene                            |
| DDT             | Dichlorodiphenyltrichloroethane                             |
| DQO             | Data Quality Objective                                      |
| HPLC            | High-Performance Liquid Chromatography                      |
| IRDMIS          | Installation Restoration Data Management Information System |
| MCP             | Massachusetts Contingency Plan                              |
| PCB             | Polychlorinated biphenyl                                    |
| PID             | Photoionization Detector                                    |
| QAPjP           | Quality Assurance Project Plan                              |
| SA              | Study Area  |
| SO <sub>4</sub> | Sulfate   |
| SOP             | Standard Operating Procedure                                |
| SVOC            | Semivolatile Organic Compound                               |
| TOC             | Total Organic Carbon  |
| TPHC            | Total Petroleum Hydrocarbons                                |
| TSS             | Total Suspended Solid                                       |
| USA-###         | United States Army - Standard Operating Procedure Number    |
| USAEC           | United States Army Environmental Center                     |
| UST             | Underground Storage Tank                                    |

## Executive Summary

Basewide environmental investigations were performed on Fort Devens from 1993 through 1995 in support of Base Realignment and Closure Environmental Evaluation activities. Seven basewide programs or Areas Requiring Environmental Evaluation (AREEs), were investigated during this time period. Supplemental sampling at select sites was recommended in the final reports for two AREEs, AREE 70 (Storm Sewer Evaluation) and AREE 69 (Past Spill Sites). This supplemental sampling event was performed in support of those recommendations.

Of the 55 systems investigated in the Storm Sewer Evaluation, 11 were recommended for further action. Seven of the systems requiring further action were included in the ongoing Lower Cold Spring Brook Site Investigation (Study Area [SA] 73). The remaining 4 systems, 9, 14, 21, and 25 were investigated as part of this sampling event. The objective of this sampling event was to determine if elevated concentrations of contaminants detected in these storm sewers in 1993 were anomalies or the result of a continual contaminant source. One site from the Past Spill Sites study required further investigation, AREE 69B at Building 2602. The five existing ground water monitoring wells at the site were resampled to determine any changes in the concentration of total petroleum hydrocarbons (TPHC).

Samples in each storm sewer system were analyzed for contaminants that were identified as being elevated in the 1993 storm sewer evaluation. The 1995 sample results were compared to the 1993 results. Of the four storm sewer systems investigated in this supplemental study, samples collected from systems 9 and 21 indicated a substantial decrease in contamination and these systems are recommended for no further action. Systems 14 and 21 indicated reduced concentrations of contaminants of concern or no changes in the concentration of contaminants. The 1995 sampling at System 14, which was a system of concern in 1993, indicated that the contaminants detected in 1993 are either no longer elevated or their concentration remain unchanged. The 1995 sample results from System 25 indicate reduced concentrations of metals, which were the contaminants of concern in 1993, and the concentration of semivolatile organic compounds have not increased over time. As a result, both systems 14 and 25 are recommended for no further action.

The ground water sampling event at AREE 69B indicated a different pattern of contamination when compared to the 1993 data. The concentration of TPHC decreased in the wells located immediately adjacent to the existing underground storage tanks (USTs). However, a strong petroleum odor and sheen was detected in one of the wells closest to the tank, well UST-01. The concentration of TPHC increased in the farthest downgradient well. All other wells indicated no change or a decrease in the concentration of TPHC. Additional sampling is recommended for these wells combined with an assessment of the local ground water to determine if there are any further fluctuations in the data.

## Executive Summary

As part of this investigation, five additional surface water and sediment samples were collected in Cold Spring Brook near Storm Drain System Number 9. These samples were collected to support the ongoing Cold Spring Brook investigation (SA 73). The data associated with Cold Spring Brook will be analyzed and reported on by ABB Environmental Services as part of the SA 73, Lower Cold Spring Brook Site Investigation.

## 1.0 Introduction

A Supplemental Sampling Event was performed in response to recommendations from the Area Requiring Environmental Evaluation (AREE) 70 and AREE 69 final reports. In addition, samples were collected around the outfall of Storm Sewer System 9 in Cold Spring Brook to support the ongoing Study Area (SA) 73, Lower Cold Spring Brook Site Investigation. The sample event presented in this report was performed in accordance with the *Memorandum Work Plan, AREE 70, AREE 69B, and Cold Spring Brook Supplemental Sampling Event, Base Realignment and Closure Environmental Evaluation (BRAC EE) Fort Devens, Massachusetts, Revision 0, June 1995* (Arthur D. Little, 1995a).

### AREE 70

The initial Storm Sewer Evaluation performed in 1993 studied 55 systems, 11 of which were recommended for further investigation. These systems were recommended for further investigation because the storm water and sediment samples indicated concentrations of contaminants above expected concentrations. Seven systems numbers 1, 2, 3, 4, 5, 6, and 7 were recommended for inclusion in the ongoing SA 73 Lower Cold Spring Brook Site Investigation. The remaining four systems numbers 9, 14, 21, and 25 were included in this investigation.

### AREE 69

The Past Spill Sites Study, AREE 69, was conducted during the summer of 1993. AREE 69B investigated a fuel oil spill from an existing underground storage tank (UST) at Building 2602. Based upon elevated concentrations of total petroleum hydrocarbons (TPHCs) in the ground water monitoring wells surrounding the UST, additional sampling was recommended. The five existing ground water monitoring wells at AREE 69B were sampled during this event.

## 1.1 Project's Objective

### AREE 70

The objective of this Supplemental Sampling Event was to determine whether the concentrations of contaminants found during the previous Storm Sewer Study were still elevated above expected concentrations. The 1993 sampling event indicated that concentrations of certain contaminants were elevated above expected levels within storm sewer systems 9, 14, 21, and 25. These systems had no known associated sources of contamination such as AREEs, SAs, and Areas of Concern (AOCs) that would contribute to the elevated concentrations of the detected contaminants. As a result, the 1995 sampling event targeted those areas in the storm sewer system that had elevated contamination in 1993. Only those sample points that indicated elevated contamination were sampled. Sampling targeted the contaminants that were elevated in 1993. Both surface water and sediment samples were included in the sampling.

## 1.0 Introduction

### AREE 69

The objective of the Supplemental Sampling Event at AREE 69B was to determine if there were any fluctuations in the TPHC contamination detected in the ground water monitoring wells located near Building 2602. In 1993, samples from two wells, UST-01 and UST-02, located near the existing UST indicated TPHC contamination exceeding Massachusetts Contingency Plan (MCP) Method 1 GW-1 standards. The same monitoring wells sampled in 1993 were resampled in 1995 to determine if the contamination is still elevated above regulated levels and the disposition of the contamination.

### Lower Cold Spring Brook Site Investigation SA 73

ABB Environmental Services, Inc., requested that Arthur D. Little, Inc., to perform additional sampling in the vicinity of the outfall of Storm Sewer System Number 9 and in Cold Spring Brook. The results of this sampling will be used to support the SA 73 Lower Cold Spring Brook Site Investigation. Five locations were sampled for surface water/sediment and ponded water. These samples were analyzed for semivolatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), inorganics, total organic carbon (TOC), and TPHC. In addition, analyses of water samples included dissolved metals, total suspended solids (TSS), chloride (Cl<sup>-</sup>), sulfate (SO<sub>4</sub>), total hardness, and alkalinity. This report does not include the laboratory's analytical data for these samples. All sample results and laboratory data was submitted to ABB Environmental Services, and will be included in the SA 73 Lower Cold Spring Brook Site Investigation report.

## 1.2 Field Investigation Techniques

Sediment, surface water, and ground water samples were collected from the above sample locations and were analyzed by a United States Army Environmental Center (USAEC) performance-demonstrated laboratory for the specified compounds as outlined in Table 1. Field work was conducted on July 10 and 11, 1995. If the storm sewer was dry, water samples were not collected. All samples were collected in accordance with Standard Operating Procedures (SOPs) which are included in the *Final Quality Assurance Project Plan (QAPjP), Fort Devens, Massachusetts, Volumes I and II* (Arthur D. Little, Inc., 1993b, 1993c). Quality Assurance samples were collected in accordance with the QAPjP during this Supplemental Sampling Event.

### 1.2.1 Surface Water Sampling

The USAEC SOP for surface water sampling, USA-1001, was followed during this sampling event. Surface water samples were collected from two-thirds the depth below the water surface, when possible. The surface water samples were collected before collecting the sediment sample. All sampling equipment was decontaminated prior to use following the procedure outlined in ADL-1009. All sample bottles were triple rinsed with water representative of that being sampled prior to being filled with

## 1.0 Introduction

the sample. A stainless-steel bomb sampler was used to collect water samples from manholes. If the sample was collected from a water column of less than 12 inches, such as an outfall, the sample container was directly submerged into the water column, without disrupting the turbidity of the sample. Following collection, each sample was wiped dry and placed on ice for shipment (Arthur D. Little, 1993b).

### 1.2.2 Sediment Sampling

Sediment samples were collected from manholes using a stainless-steel Pulnar grab sampler. If the location was an outfall, the sample was collected with a stainless-steel spoon. Following collection, each sample was wiped dry and placed on ice for shipment (Arthur D. Little, 1993b).

### 1.2.3 Ground Water Sampling

Arthur D. Little's sampling team followed USAEC SOP USA-1011 for ground water monitoring. The headspace of the well was monitored with a photoionization detector (PID) as soon as the well cap was removed and every 15 minutes thereafter. The ground water surface elevation and the depth to well bottom was then recorded. If free phase product existed, then an interface probe was used to measure the level of petroleum on top of the ground water. All measurements were made in accordance with SOP ADL-4012. The purge volume was computed and the well was purged until five unit volumes were removed. During the purge process, temperature, pH, and conductivity were recorded at five intervals. If during the purge process the well went dry and the ground water recovery rate was fast, the well was evacuated one more time before sampling. If the well did not have a fast recovery rate, then the ground water was sampled as soon as a sufficient volume was available. Purge water was collected in 55-gallon drums. Following ground water collection, each sample was wiped dry and placed on ice for shipment. For a more detailed description of this process, refer to the SOP, USA-1011 (Arthur D. Little, 1993c).

### 1.2.4 Data Quality Objectives and Quality Assurance/Quality Control

Every effort was taken to minimize the impact of comparing the sample data from 1993 to that collected in 1995. The data quality objectives (DQOs) that were used during this investigation were the same as applied to the AREE Supplemental Site Evaluations and to the AREE 70 investigation. In addition, the same quality assurance program presented in the *Final Quality Assurance Project Plan, Fort Devens, Massachusetts, Volumes I and II* (Arthur D. Little, Inc., 1993b, 1993c) applied to this sampling event. Furthermore, to ensure data quality and consistency between the sampling events, samples were collected using the same sample techniques that were used during the 1993 sampling event. To further reduce potential variability in the data, the same subcontracted USAEC performance-demonstrated laboratory and laboratory methods were used for both sampling events. As a result, the main variable in the data is the temporal variable for comparing data collected between 1993 and 1995.

## **2.0 Storm Sewer System Evaluation (AREE 70)**

### **2.1 Storm System Number 9**

#### **2.1.1 System Description**

This is an extensive system that drains residential areas, unpaved railroad tracks, and unpaved storage yards located near the intersection of Bates Service Road and Cavite Street. The system runs east along Cavite Street, then drains south along Saratoga Street and discharges into Cold Spring Brook at the junction of Saratoga Street and Barnum Road. This system drains areas used for a variety of activities including industrial, residential, and commercial.

During the AREE 70 investigation in 1993, two compounds were detected and indicated as isolated elevated analytes. The semivolatile compound pyrene and the pesticide dichlorodiphenyl trichloroethane (DDT). Both compounds were detected in the sample collected from location 9D, which is located adjacent to the Buena Vista Housing Area. This sample location is a manhole and there are no known sources of contamination in the area. Additional sampling at location 9D in System Number 9 was recommended in the final AREE 70 report to determine if the elevated concentrations of pyrene and DDT were from a continual source.

#### **2.1.2 Sampling Procedure and Observations**

One sediment sample was collected at Storm Sewer System 9D; there was no water available to sample. The sediment sample consisted of a considerable amount of organic matter including leaves and pine needles. The sediment was a silty sand. The sample was collected with a Pulnar Grab Sampler from 0 to 5 inches in depth. Prior to filling the sample bottles, the sediment sample was mixed into a composite using a stainless-steel bowl and spoon. The sediments samples were analyzed for pesticides, PCBs, and SVOCs. See Figure 1 for a map depicting sample locations and results.

#### **2.1.3 Nature and Extent of Contamination**

Pyrene and DDT were the only compounds of concern for System Number 9. The concentration of pyrene was 3.0 µg/g and DDT was detected at .0035 µg/g. Both of these concentrations are below the detected levels from the 1993 sampling event. Refer to Table 2 for a comparison of the 1993 and 1995 data.

#### **2.1.4 Conclusions and Recommendations**

In 1993, pyrene and DDT were the only outliers identified in this storm sewer system. The cause of the elevated concentrations of these compounds is unknown. This sample location is in the middle of the Buena Vista Housing areas and there are no AOCs, SAs, nor AREEs adjacent to this location. As a result, confirmatory sampling was recommended to determine if these contaminants were anomalies. The 1993 sampling event suggested that the contaminants could be a result of runoff from grassy areas and roadways.

## **2.0 Storm Sewer System Evaluation (AREE 70)**

The 1995 data does not indicate that there is a continual source of contamination to this storm sewer system. The pyrene concentration has decreased significantly over time from 13 to 3.0 µg/g. DDT has also decreased in concentration from 0.022 to .0035 µg/g.

Comparison of data collected from 1993 and 1995 indicates that there is not a continual source of contamination to sample location 9D in Storm Sewer System Number 9. Therefore, it is assumed that the contamination detected in 1993 may have occurred from roadway and grassy area runoff. This data indicates that the 1993 detection was an anomalous reading since the concentrations of these analytes have decreased over time. This site is recommended for no further action.

## **2.2 Storm System Number 14**

### **2.2.1 System Description**

This system drains an area occupied by barracks and an unpaved vehicle storage area located at the junction of Market and Carey Streets. Drainage flows from south to north and discharges through two outfalls into the Shepley's Hill Landfill area. The two outfalls are designated 14A and 14C.

Elevated concentrations of metals and pesticides were detected in the samples from the two outfalls of System 14 during the 1993 AREE 70 sampling event. Storm Sewer System 14 was designated as a system of concern because it had three or more compounds exceeding expected concentrations. The sediment samples had 1,1-dichloro-2, 2-bis(p-chlorophenyl)ethane (DDD), dichlorophenyl-dichloro-ethylene (DDE) and DDT exceeding expected levels and the storm water samples had DDD, DDE, DDT, total pesticides, arsenic, barium, lead, and vanadium exceeding expected concentrations. The 1993 sampling event did not identify a definite source for these contaminants. AREE 61Z, building 202, was identified as a potential source, but it was determined to be an unlikely contributor because these contaminants would be an unlikely result of motor pool operations. As a result, additional sampling of the two outfall locations 14A and 14 C was recommended. See Figure 2 for a map depicting the sample locations.

### **2.2.2 Sampling Procedures and Observations**

One sediment sample was collected from each storm sewer system outfall 14A and 14C. There was no water available to sample at either outfall. The sediment at outfall 14A was moist, dark brown, silty sand. The sample was collected inside the mouth of the outfall from 0 to 6 inches deep. The sediment at outfall 14C was light yellow/brown, coarse sand and gravel, with a trace of silt. The sample was collected about 10 feet from the mouth of the outfall, where the sediments settled. The sample was collected from 0 to 4 inches in depth. The samples were mixed in a stainless-steel bowl with a spoon to obtain a composite. Samples collected from outfalls 14A and 14C were analyzed for metals and pesticides.

## 2.0 Storm Sewer System Evaluation (AREE 70)

### 2.2.3 Nature and Extent of Contamination

Only sediment samples were analyzed for outfalls 14A and 14C. Samples were analyzed for DDD, DDE, DDT, arsenic, barium, lead, and vanadium. DDD and DDE, primary column detections on the High-Performance Liquid Chromatography (HPLC) column, were not confirmed on the second column at location 14A. This indicates that the levels are interferences and, therefore, are determined to be non-detections. At sample location 14C, DDD, DDE, and DDT concentrations were not detected.

At sample location 14A, arsenic and lead were detected at 15 and 140 µg/g, respectively. This appears to be a slight increase in concentration from the 1993 sampling event. Barium and vanadium were detected at 67.5 and 40.5 µg/g, respectively. At sample location 14C, arsenic, barium, lead, and vanadium were detected at 7.97, 24.9, 10.1, and 14.2 µg/g respectively. These concentrations are below the levels detected in 1993. Refer to Table 2 for a comparison of the data.

### 2.2.4 Conclusions and Recommendations

The media of primary concern at the outfalls for System 14 is the sediment since there was no water for sampling and data comparison. The 1993 sampling event identified the concentrations of DDD, DDE, and DDT as being elevated above the expected levels for these compounds. The 1995 sampling data indicated a significant decrease in the concentrations of these compounds from 1993. DDT was detected and confirmed at 0.105 µg/g at sample location 14A. This level is below the value reported in 1993. The 1995 result was flagged for poor ending calibration results due to interferences present in the samples; this indicates that the quantitation should be considered as an estimate.

Arsenic concentrations increased slightly at both outfalls sampled at System 14. The concentration of arsenic at outfall 14A was 9.51 µg/g in 1993 and 15 µg/g in 1995. The concentration of lead at outfall 14C was 3.4 µg/g in 1993 and is 7.97 µg/g in 1995. Lead concentrations increased from 52 µg/g in 1993 to 140 µg/g in 1995 at outfall 14A and decreased in concentration at 14C, having dropped from 45 µg/g to 10.1 µg/g. Concentrations of barium and vanadium are either the same as in 1993 or have decreased in concentration at both outfalls.

Examining the acceptable limits for determining the comparability of data under the quality assurance program, it is reasonable to assume a 100 percent relative percent difference when examining the data and comparing data sets. This assumption is reasonable given that two years have passed since the collection of the first data set. When examining the concentration of arsenic and lead using a 100 percent relative percent difference, the concentrations of arsenic and lead have not changed significantly over time. Barium and vanadium do not appear to be elevated significantly.

## **2.0 Storm Sewer System Evaluation (AREE 70)**

Storm Sewer System 14 is recommended for no further action. The concentration of pesticides has decreased over the last two years. Furthermore, the metal contaminants are not elevated significantly to cause concern and arsenic is a naturally occurring element in the region. As a result, there does not appear to be a continual source of contamination to Storm Sewer System 14.

### **2.3 Storm System Number 21**

#### **2.3.1 System Description**

This system collects runoff from the south side of the parade ground and drains to the east, under MacArthur Avenue and discharges into Willow Brook. This system is comprised of three subsystems that all drain into Willow Brook.

In 1993, chemical analyses of the samples collected from the system's outfall, location 21A, showed elevated concentrations of semivolatile compounds, in particular anthracene in sediment. This system was identified as an isolated elevated analyte system since only anthracene was detected as an outlier to the data set. However, sample location 21A was the sample point where the highest SVOC concentrations were detected. The 1993 sampling event did not identify a definite source for the SVOCs. Additional sampling was recommended for sample point 21A to identify whether there is a continual source for the SVOCs.

#### **2.3.2 Sampling Procedures and Observations**

One sediment sample was collected from Storm Sewer System 21A; there was no water available to sample. The sediment was light brown, coarse sand, with a trace of fine gravel. The sample was collected 1 foot from the outfall, about 0 to 3 inches deep, at the edge of Willow Brook. The brook was dry and had litter, discarded chairs and toys, strewn about in it. The sediment was collected with a stainless-steel spoon and well mixed in a stainless-steel bowl. The composite samples were analyzed for SVOC. See Figure 3 for a map depicting the sample location.

#### **2.3.3 Nature and Extent of Contamination**

The main SVOC of concern is anthracene. This compound was detected at a concentration of 1.0 µg/g. All of the other SVOCs of concern were detected at or near the detection limit of the analytical instrument. Refer to Table 2 for a comparison of the data.

#### **2.3.4 Conclusions and Recommendations**

Comparison of data collected in 1993 and 1995 indicates that there is not a continuous source of contamination to Storm Sewer System 21. Anthracene decreased in concentration from 11 µg/g to 1.0 µg/g. In addition, all other SVOCs decreased in concentration from 1993 to 1995. This data indicates that the 1993 detection was an anomalous reading since the concentrations of these analytes have decreased over time. This site is recommended for no further action.

## **2.0 Storm Sewer System Evaluation (AREE 70)**

### **2.4 Storm System Number 25**

#### **2.4.1 System Description**

This system drains a wooded area located to the south of Lovell Trailer Park, where Hoff and Lovell Streets intersect. The system flows to the east and discharges into the Nashua River via a drainage swale.

The 1993 sampling event detected selenium as an isolated elevated analyte. However, there were also a number of SVOCs detected at the outfall. The Final AREE 70 report did not indicate that selenium was of concern because there was no identifiable source of selenium in the area. Additional sampling was recommended, however, to determine whether the concentrations of SVOCs were from a continual source.

#### **2.4.2 Sampling Procedures and Observations**

One sediment sample was collected at the outfall of Storm Sewer System 25A and one sediment sample was collected from beneath the storm sewer grate at sample location 25B. No water was present to sample at either location. The sediment sample at sample location 25A was collected using a stainless-steel spoon from the top 0 to 6 inches. The sample was mixed in a stainless-steel bowl. The top inch of the sediment consisted of coarse sand and fine gravel, underlain by primarily silt with some sand. The sediment sample at 25B was collected with a Pulnar Grab Sampler. The sample was collected from the top 2 inches of sediment. There was a considerable amount of organic matter including pine needles at the sample point. The sediment was hard, dry, and primarily silt with some coarse sand. The samples from both locations were analyzed for SVOCs and metals. See Figure 4 for a map depicting the sample locations.

#### **2.4.3 Nature and Extent of Contamination**

Selenium, the isolated elevated analyte in the 1993 sampling, was reported at the detection limit of the analytical instrument at a concentration of 0.45 µg/g. A number of SVOCs were detected in samples collected from sample locations 25A and 25B. Sample point 25A had slightly higher concentrations of SVOCs with acenaphthylene detected at 9 µg/g, benzo(a)anthracene at 60 µg/g, benzo(a)pyrene at 30 µg/g, chrysene at 50 µg/g, fluoranthene at 2 µg/g, and phenanthrene at 100 µg/g. Sample point 25B had lower concentrations of SVOCs with acenaphthylene detected at 9 µg/g, benzo(a)anthracene at 40 µg/g, benzo(a)pyrene at 10 µg/g, chrysene at 40 µg/g, fluoranthene at 50 µg/g, and phenanthrene at 30 µg/g. Refer to Table 2 for a comparison of the 1993 and 1995 data.

#### **2.4.4 Conclusions and Recommendations**

Storm Sewer System 25 had one outlier for selenium when it was sampled in 1993. The system also had a number of SVOCs detected within the system. Additional sampling was recommended to determine whether there was a continual source of contamination to System 25.

## 2.0 Storm Sewer System Evaluation (AREE 70)

Storm Sewer System 25 was identified in 1993 as an isolated elevated analyte system for selenium. Selenium was not detected in the 1995 samples. Selenium was reported at the instrument detection limit at a concentration of 0.45 µg/g. As a result, the selenium detected in 1993 appears to be an anomaly in the data set and there is no continual source of selenium to the system. The data appears to indicate that some SVOCs have increased in concentration from 1993. Specifically, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, chrysene, and phenanthrene all increased in concentration since 1993 at both sample points 25A and 25B. Fluoranthene decreased in outfall 25A, but increased slightly in outfall 25B.

Examining the acceptable limits for determining the comparability of data under the quality assurance program, it is reasonable to assume a 100 percent relative percent difference when examining the data and comparing data sets. This assumption is conservative for SVOCs given that two years have passed since the collection of the first data set. Typically, an even higher relative percent difference could be applied to account for the time between sampling events. When examining the concentration of the SVOCs using a 100 percent relative percent difference, the concentrations of these compounds has not changed significantly over time. Therefore, the SVOCs do not appear to be elevated significantly.

Storm Sewer System 25 is located within the U.S. Army Enclave at Fort Devens, an area being retained by the Army. There is no known continual source of contamination to System 25. All buildings in the area and petroleum storage tanks have been removed. Furthermore, the system does not service any existing structures in the area. As a result, the detection of SVOCs are, most likely, residual contaminants from past operations in the area. In addition, when comparing the concentrations of the SVOCs to the entire AREE 70 data set, the concentrations are not high enough to identify the system as a system of concern. As a result, no further action is recommended for Storm Sewer System 25.

### **3.0 Past Spill Sites Study (AREE 69B)**

#### **3.1 Background**

AREE 69B investigated a spill at building 2602. The initial spill was reported in 1990 as the result of an underground fuel tank overflow. This site was given the designation AREE 69B during the initial AREE 69 study. The AREE 69 Supplemental Site Evaluation, performed in 1994, did not identify any residual contamination in the soils around the site. During the sampling of the existing ground water monitoring wells UST-01 and UST-02, located upgradient and north of the spill area, next to the existing USTs, free-phase product was identified. All five monitoring wells, GE-01, GE-02, GE-03, UST-01, and UST-02, were sampled to determine fluctuations in petroleum contamination in the ground water (Arthur D. Little, 1993d, 1995b). During the 1994 sampling event, monitoring wells UST-01 and UST-02 had the highest concentration of TPHC, exceeding MCP limits. See Figure 5 for a map depicting the location of the monitoring wells.

As a result of the 1994 sampling event it was recommended that the five existing ground water monitoring wells be resampled to determine any fluctuations in the TPHCs and tested for the presence of free-phase petroleum product.

#### **3.2 Sampling Procedures and Observations**

All five wells at AREE 69B, including GE-01, GE-02, GE-03, UST-01, and UST-02, were sampled for TPHCs on July 11, 1995. The sampling procedures discussed in section 1.2.3 of this report were followed. In addition, the wells were tested for free-phase product. During the sampling, a strong petroleum odor and sheen was identified in the purge water for UST-01. No odor or sheen was identified in the other ground water monitoring wells.

#### **3.3 Nature and Extent of Contamination**

The ground water monitoring wells located closest to the UST are UST-01 and UST-02. These wells had TPHC detections of 397 and 110 µg/L, respectively. The downgradient wells GE-01, GE-02, and GE-03 had varying concentrations of TPHC. GE-01 detected TPHC at a concentration of 100 µg/L, the detection limit for TPHC. GE-02 detected TPHC at a concentration of 1,130 µg/L, and GE-03 detected TPHC at a concentration of 100 µg/L, the detection limit. Refer to Table 3 for a comparison of the data.

### 3.0 Past Spill Sites Study (AREE 69)

#### 3.4 Conclusions and Recommendations

The data from the ground water monitoring wells sampled during the Supplemental Site Evaluation for AREE 69 sites showed that in 1994, the highest level of contamination was in the wells closest to the UST, wells UST-01 and UST-02. These wells exceeded the MCP limits for TPHC contamination in ground water. By comparison, the 1995 sampling event had only one well exceeding MCP limits, GE-02. This well is located the farthest from the UST. TPHC concentrations in well GE-02 increased from 290 to 1,130 µg/L. By comparison, TPHC concentration in monitoring well UST-01 decreased from 7,200 to 397 µg/L and TPHC in UST-02 decreased from 9,600 to 110 µg/L. However, a strong petroleum odor and a sheen were detected in monitoring well UST-01 during sampling. The TPHC concentrations in monitoring wells GE-01 and GE-03 decreased significantly or remained constant. Both wells detected TPHC at a concentration of 100 µg/L, which is the method detection limit.

A significant seasonal variance in the ground water levels in the monitoring wells was noted. Furthermore, when comparing the interseasonal variance from one year to the next, a significant difference in the ground water levels was noted. This area of Fort Devens is known to have wide variations in ground water levels. The bedrock in this area is relatively close to the surface and is not highly fractured. This area also has had a number of construction projects over the history of the base, including the construction of building 2602, that has most likely disturbed the regional ground water regime. As a result, it is difficult to make a definite conclusion regarding the potential for contamination existing at AREE 69B. Some contamination existing near UST-01 in the vicinity of the UST fill pipes is the most likely scenario. However, given the variability in the TPHC detection method and the variability in the ground water levels, it is unlikely that there is TPHC contamination farther downgradient that would be of concern. In addition, based upon the AREE 69B Supplemental Site Investigation, there were no other contaminants that exceeded MCP limits (Arthur D. Little, 1995b).

In order to ensure that there is no residual contamination at AREE 69B, the following actions are recommended:

- 1) Examine the water level measurements for wells UST-01, UST-02, GE-1, GE-2 and GE-3. Water levels were measured quarterly from 1992 to 1995. This data may give some insight into the local ground water flow.
- 2) Collect one additional round of ground water samples during the winter of 1995-96. The samples will be examined for TPHC, SVOCs, volatile organic compounds, metals, and PCBs/pesticides.

### 3.0 Past Spill Sites Study (AREE 69)

- 3) Examine the monitoring well construction logs/diagrams, if they exist, to determine the reliability of the wells.
- 4) Examine the tank installations as-built drawings, if they exist, and any associated monitoring results.

This data will be used in conjunction with previously collected data regarding the release at AREE 69B. A final determination regarding the site will be made after reviewing all data in aggregate.

#### 4.0 Cold Spring Brook (Study Area 73)

The USAEC through ABB Environmental Services, Inc. requested that Arthur D. Little perform additional sampling of Storm Sewer System Number 9 and Cold Spring Brook. The results will be used in the ongoing SA 73 Lower Cold Spring Brook Site Investigation. The sample locations and sample parameters were specified by ABB. The results of this sampling event will be evaluated and reported by ABB. The following is a description of the sample locations. Figure 1 and Table 1 provide the sample locations and the sample identification for the samples collected. All sample results have been given to ABB and the data will be incorporated into the SA 73 site investigation and will not be reported in this document.

Samples were collected by Arthur D. Little's personnel and were submitted to a USAEC performance-demonstrated laboratory for analysis. The data was included in the Installation Restoration data Management Information System (IRDMIS) and sent to ABB Environmental Services.

#### 4.1 Sites Requiring Further Investigation

The samples that were collected in proximity to the discharge area for Storm Sewer System 9 in the area of sample location 9A. Sediment and surface water samples were collected from each location with the exception of location 9L, where only sediment was collected. Each sample location is described in detail below:

- Within the ponded area downstream of the Boston & Maine (B&M) Railroad right-of-way, approximately 10 to 20 feet from the pond's outlet (location 9H).
- Within the low lying/wet area immediately upstream (west) of the B&M Railroad right-of-way (location 9L).
- Within the channel of Cold Spring Brook upstream of its final passage under Patton Road (i.e., west of Patton Road, location 9J).
- Within the drainage swale north of Dakota Street (i.e., upstream of the culvert that runs under Dakota Street, location 9K).
- At the piped outlet of Storm Sewer System 9 at the edge of the asphalt parking lot adjacent to the Commissary (location 9L).

## 5.0 Selected References

ABB Environmental Services, Inc. 1993. *Fort Devens Feasibility Study for Group 1A Sites, Final Remedial Investigation Addendum Report*. December.

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Arthur D. Little. 1995b. *Final Past Spill Sites Report (AREE 69), Base Realignment and Closure Environmental Evaluation (BRAC EE), Fort Devens, Massachusetts*. Prepared for the U.S. Army Environmental Center. June.

Arthur D. Little. 1994a. *Final Supplemental Work Plan - Appendix B, Base Realignment and Closure Environmental Evaluation (BRAC EE), Fort Devens, Massachusetts*. Prepared for the U.S. Army Environmental Center. June.

Arthur D. Little. 1994b. *Final Storm Sewer System Evaluation (AREE 70) Report, Base Realignment and Closure Environmental Evaluation (BRAC EE), Fort Devens, Massachusetts, Volume I of II*. Prepared for the U.S. Army Environmental Center. June.

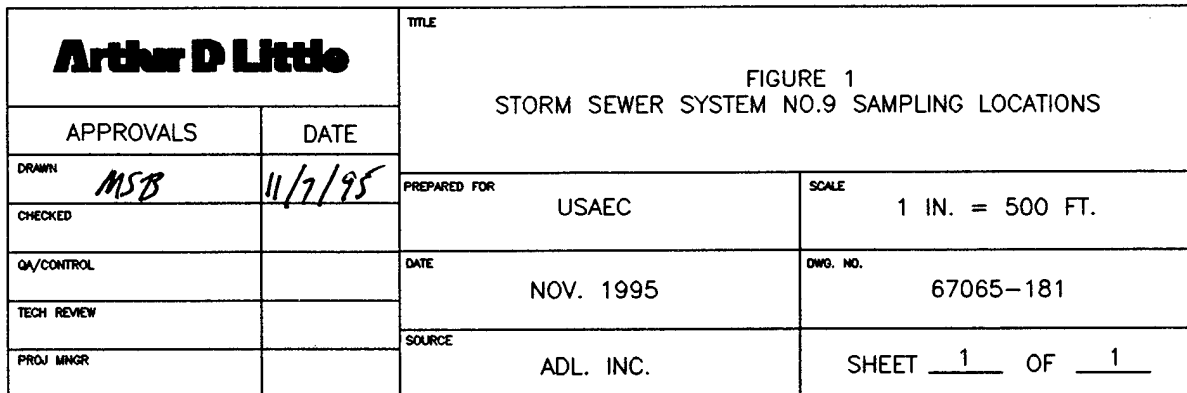
Arthur D. Little. 1993a. *Draft Supplemental Work Plan, Base Realignment and Closure Environmental Evaluation (BRAC EE), Fort Devens, Massachusetts*. Prepared for the U.S. Army Environmental Center. April.

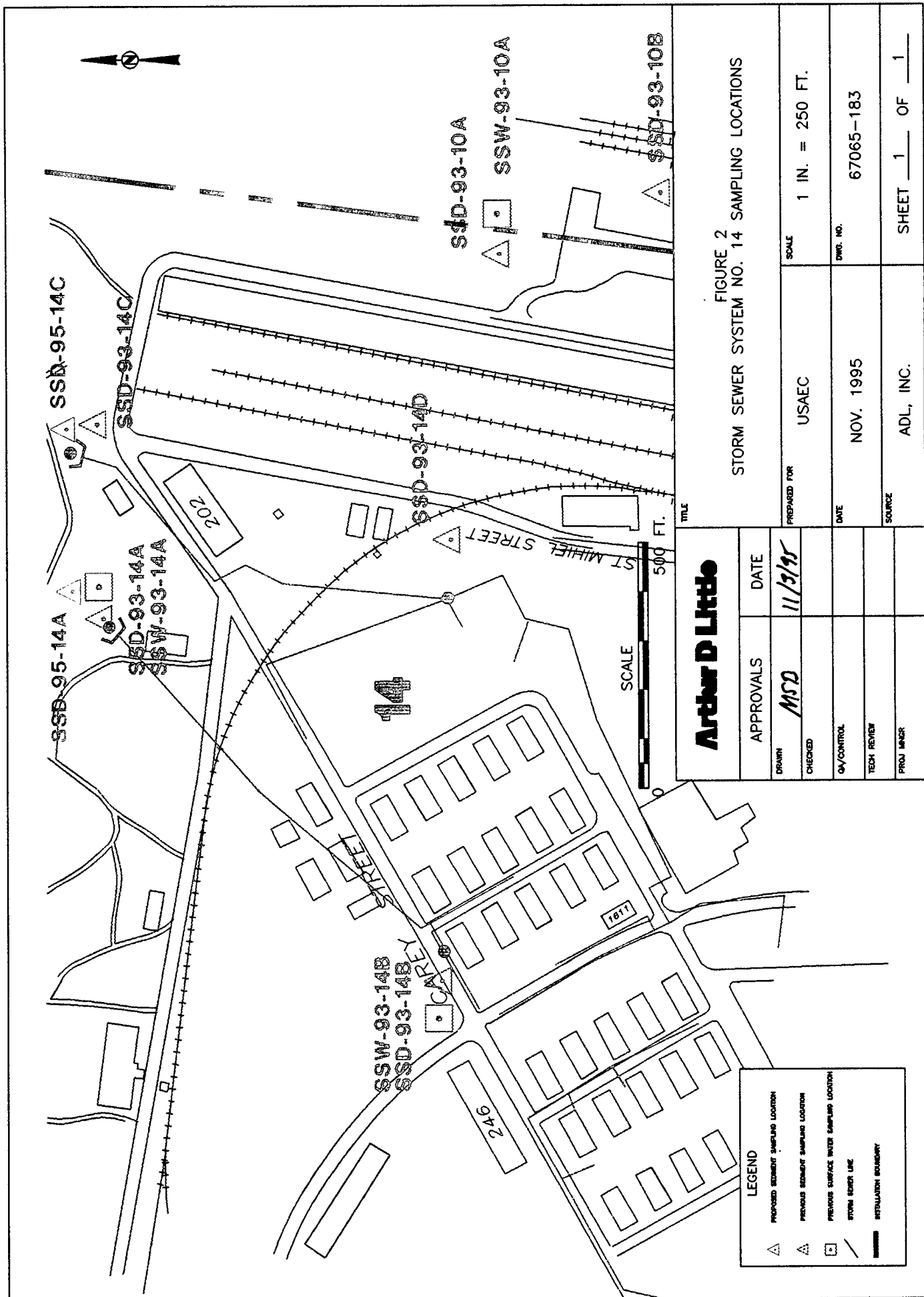
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Arthur D. Little. 1993d. *Draft Past Spill Sites Report (AREE 69), Base Realignment and Closure Environmental Evaluation (BRAC EE), Fort Devens, Massachusetts*. Prepared for the U.S. Army Environmental Center. October.

Reed, S. 1995. Letter from S. Reed of ABB Environmental Services, Inc., to Charles A. George of the U.S. Army Environmental Center. April 3.

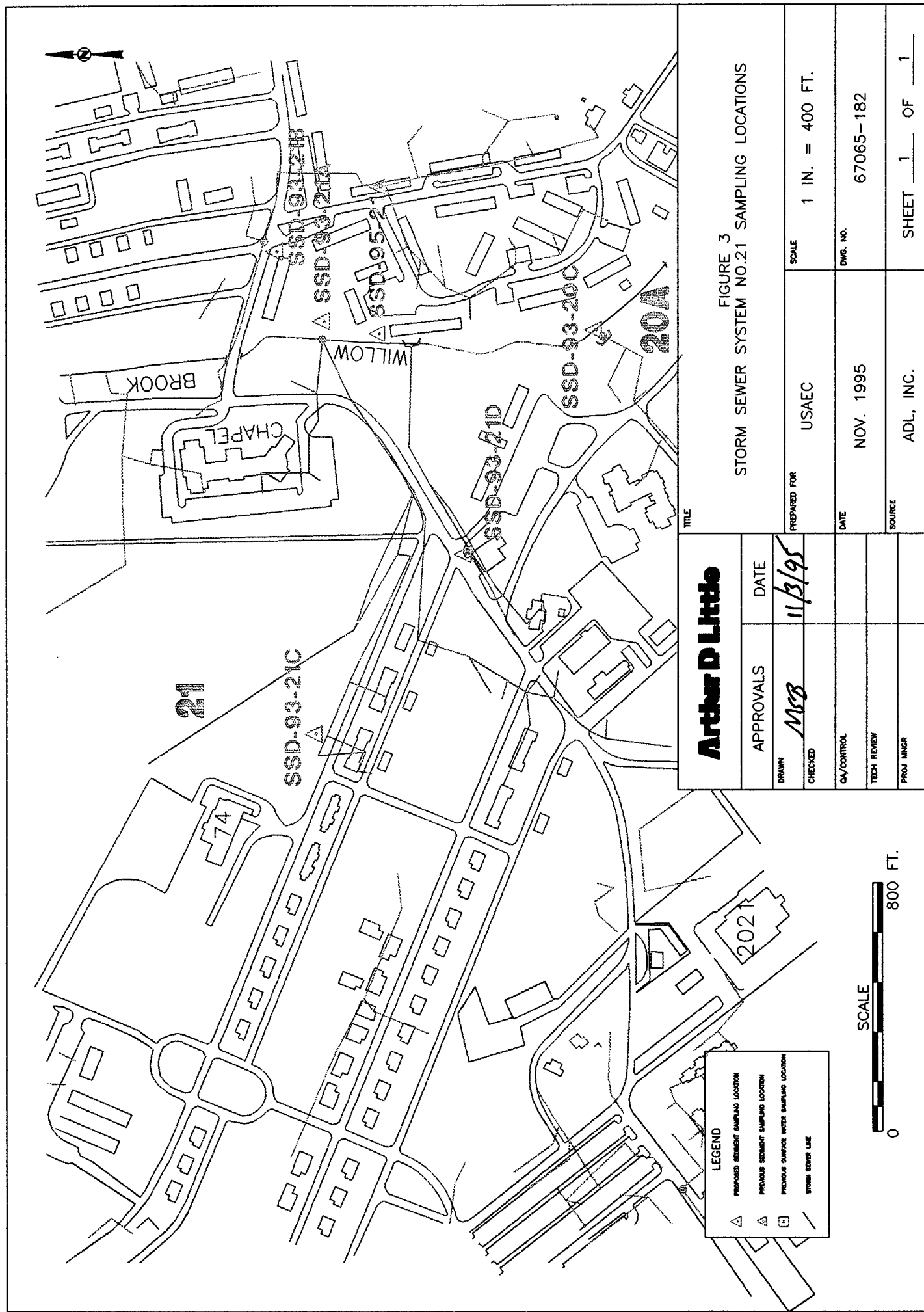




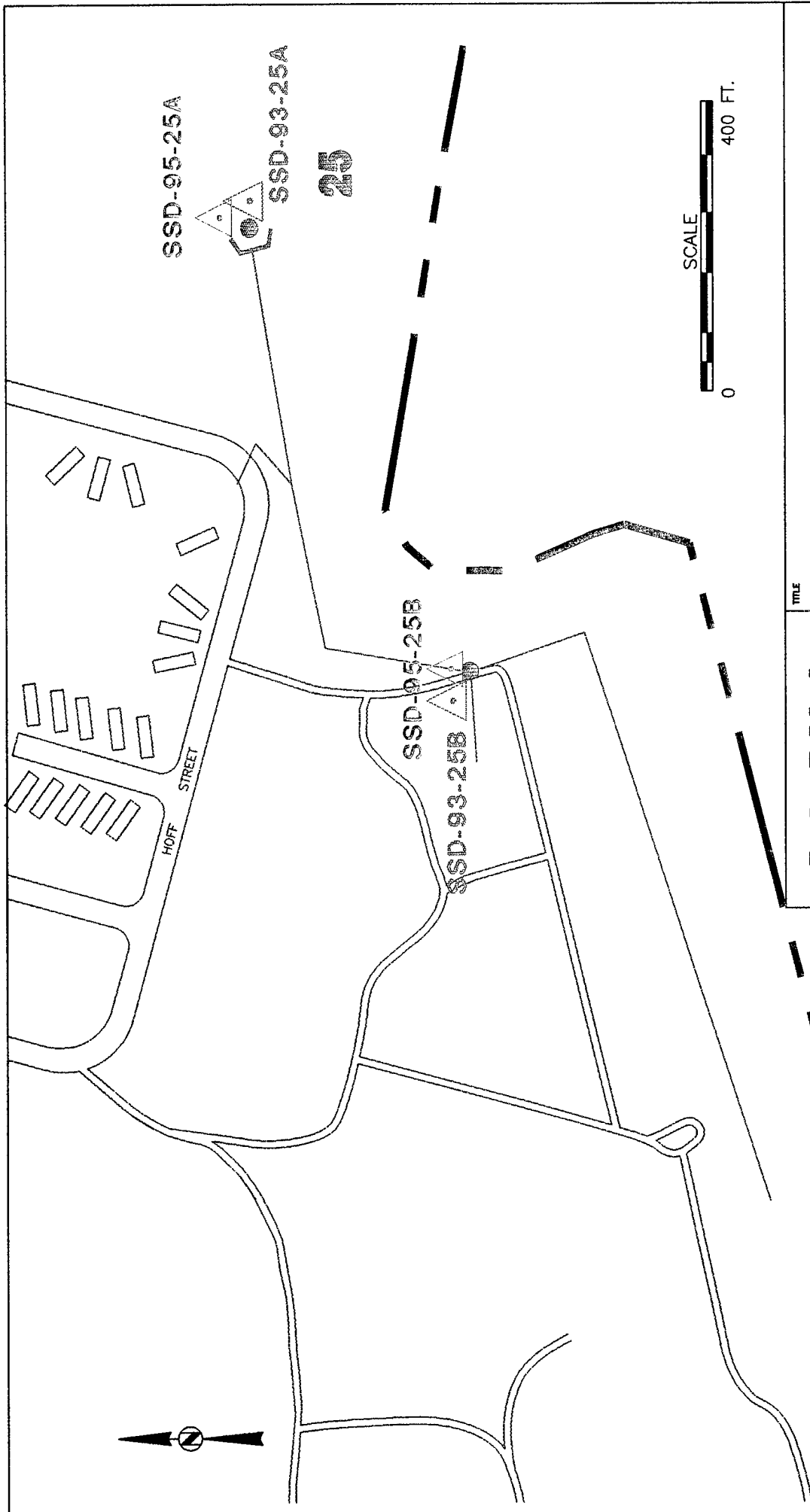
|                        |         |  |                          |
|------------------------|---------|--|--------------------------|
| <b>Arthur D Little</b> |         | TITLE  |                          |
| APPROVALS              | DATE    | FIGURE 2<br>STORM SEWER SYSTEM NO. 14 SAMPLING LOCATIONS |                          |
| DRAWN<br><i>MSD</i>    | 11/9/95 | PREPARED FOR<br>USAEC                                    | SCALE<br>1 IN. = 250 FT. |
| CHECKED                |         | DATE<br>NOV. 1995  | DWG. NO.<br>67065-183    |
| QA/CONTROL             |         | SOURCE<br>ADL, INC.                                      | SHEET 1 OF 1             |
| TECH REVIEW            |         |  |                          |
| PROJ MGR               |         |  |                          |

**LEGEND**

- △ PROPOSED SEDIMENT SAMPLING LOCATION
- △ PREVIOUS SEDIMENT SAMPLING LOCATION
- PREVIOUS SURFACE WATER SAMPLING LOCATION
- STORM SEWER LINE
- INSTALLATION BOUNDARY



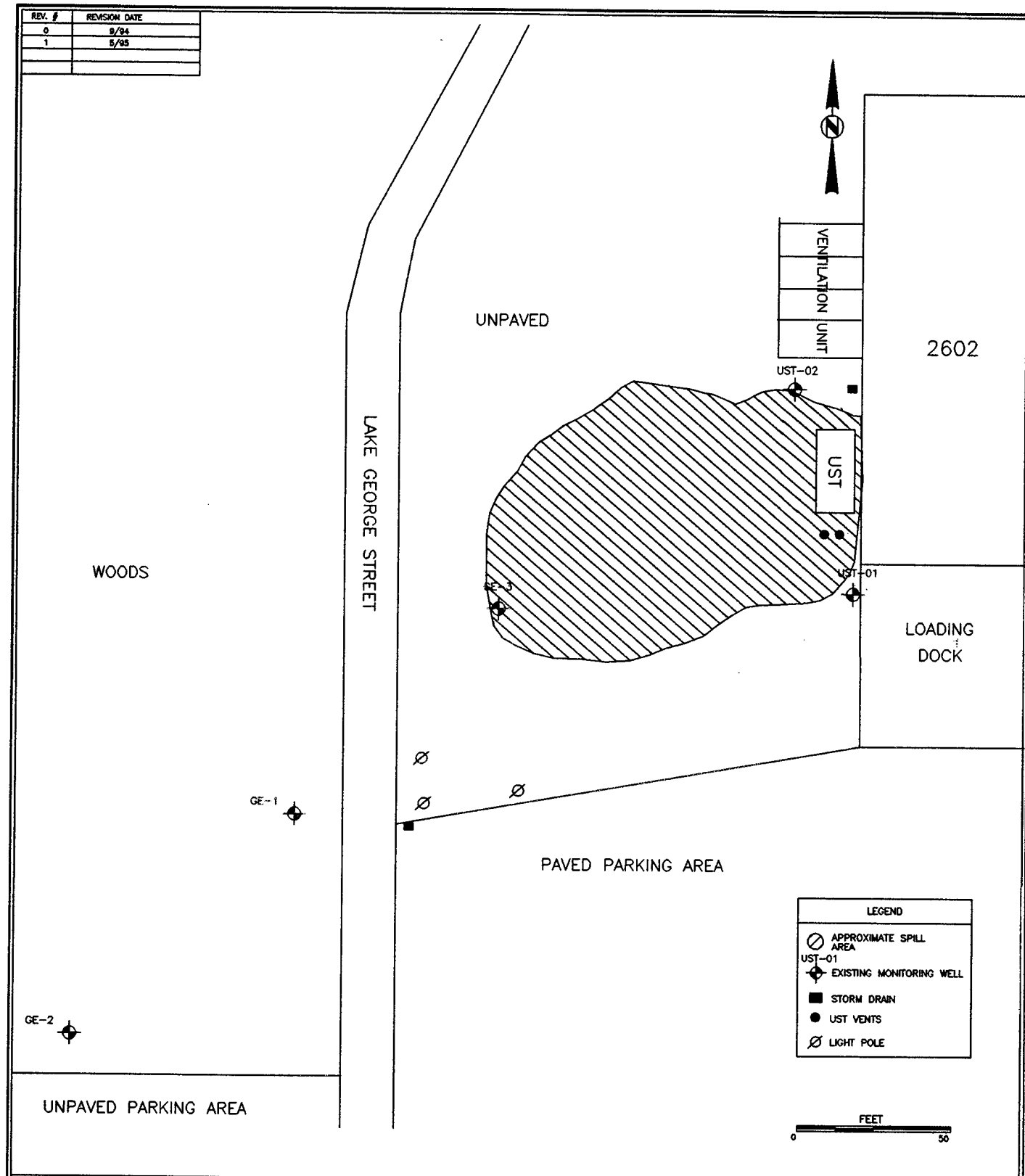
|                        |                 |   |                          |
|------------------------|-----------------|---|--------------------------|
| <b>Arthur D Little</b> |                 | TITLE<br>FIGURE 3<br>STORM SEWER SYSTEM NO. 21 SAMPLING LOCATIONS |                          |
|                        |                 | PREPARED FOR<br>USAEC   | SCALE<br>1 IN. = 400 FT. |
| DRAWN<br>MSB           | DATE<br>11/3/95 | DATE<br>NOV. 1995   | DWG. NO.<br>67065-182    |
| CHECKED                | QA/CONTROL      | TECH REVIEW   | SOURCE<br>ADL, INC.      |
| PROJ. MGR.             | SHEET 1 OF 1    |   |                          |



|                        |                 |   |                          |
|------------------------|-----------------|---|--------------------------|
| <b>Arthur D Little</b> |                 | TITLE<br>FIGURE 4<br>STORM SEWER SYSTEM NO. 25 SAMPLING LOCATIONS |                          |
|                        |                 | PREPARED FOR<br>USAEC   | SCALE<br>1 IN. = 200 FT. |
| DRAWN<br>MSB           | DATE<br>11/3/95 | DATE<br>NOV. 1995   | DWG. NO.<br>67065-184    |
| CHECKED                | QA/CONTROL      | TECH REVIEW   | SOURCE<br>ADL, INC.      |
| PROJ MGR               | SHEET 1 OF 1    |   |                          |

| LEGEND |  |
|--------|--|
| △      | PROPOSED SEDIMENT SAMPLING LOCATION      |
| △      | PREVIOUS SEDIMENT SAMPLING LOCATION      |
| □      | PREVIOUS SURFACE WATER SAMPLING LOCATION |
| —      | STORM SEWER LINE                         |
| ---    | INSTALLATION BOUNDARY                    |

| REV. # | REVISION DATE |
|--------|---------------|
| 0      | 9/94          |
| 1      | 5/95          |



PREPARED FOR:  
USAEC

DATE:  
JUNE 1995

DWG. NO.:  
67065-186

SCALE:

1 IN. = 45 FT.

**Arthur D Little**

TITLE:

FIGURE 5: AREE 69B,  
BLDG 2602 SAMPLING LOCATIONS

Table 1: Summary of Sampling Activities

| Site ID    | Field Sample ID | Site Description | Sample Location  | Media         | Analytes   |
|------------|-----------------|------------------|--|---------------|--|
| SSD-95-09D | DX090400        | Storm Sewer 9    | Catch Basin 9D   | Sediment      | SVOCs, PCBs/Pesticides   |
| SSD-95-09H | DX090800        | Storm Sewer 9    | 10-20 ft from outlet of ponded area downstream of B&M right-of-way | Sediment      | SVOCs, TOC, TPHC, Inorganics, PCBs/Pesticides  |
| SSW-95-09H | WX0908X1        | Storm Sewer 9    | 10-20 ft from outlet of ponded area downstream of B&M right-of-way | Surface Water | SVOCs, TOC, TPHC, Inorganics, Dissolved Metals, PCBs/Pesticides, TSS, Cl-, Sulfate, Alkalinity, Hardness |
| SSD-95-09I | DX090900        | Storm Sewer 9    | Within low-lying wetland, west of B&M right-of-way                 | Sediment      | SVOCs, TOC, TPHC, Inorganics, PCBs/Pesticides  |
| SSW-95-09I | WX0909X1        | Storm Sewer 9    | Within low-lying wetland, west of B&M right-of-way                 | Surface Water | SVOCs, TOC, TPHC, Inorganics, Dissolved Metals, PCBs/Pesticides, TSS, Cl-, Sulfate, Alkalinity, Hardness |
| SSD-95-09J | DX091000        | Storm Sewer 9    | Channel west of Patton Road  | Sediment      | SVOCs, TOC, TPHC, Inorganics, PCBs/Pesticides  |
| SSW-95-09J | WX0910X1        | Storm Sewer 9    | Channel west of Patton Road  | Surface Water | SVOCs, TOC, TPHC, Inorganics, Dissolved Metals, PCBs/Pesticides, TSS, Cl-, Sulfate, Alkalinity, Hardness |
| SSD-95-09K | DX091100        | Storm Sewer 9    | In drainage swale upstream of culvert under Dakota Street          | Sediment      | SVOCs, TOC, TPHC, Inorganics, PCBs/Pesticides  |

Table 1: Summary of Sampling Activities

| Site ID                  | Field Sample ID      | Site Description | Sample Location   | Media         | Analytes   |
|--------------------------|----------------------|------------------|---|---------------|--|
| SSW-95-09K               | WX0911X1             | Storm Sewer 9    | In drainage swale upstream of culvert under Dakota Street | Surface Water | SVOCs, TOC, TPHC, Inorganics, Dissolved Metals, PCBs/Pesticides, TSS, Cl-, Sulfate, Alkalinity, Hardness |
| SSD-95-09L               | DX091200             | Storm Sewer 9    | At piped outlet of Storm Drain Number 9                   | Sediment      | SVOCs, TOCs, TPHC, Inorganics, PCBs/Pesticides   |
| SSW-95-09L               | WX0912X1             | Storm Sewer 9    | At piped outlet of Storm Drain Number 9                   | Surface Water | SVOCs, TOC, TPHC, Inorganics, Dissolved Metals, PCBs/Pesticides, TSS, Cl-, Sulfate, Alkalinity, Hardness |
| SSD-95-14A<br>SSD-95-14C | DX140100<br>DX140300 | Storm Sewer 14   | Outfalls 14A and 14C                                      | Sediment      | Filtered and Unfiltered Metals, PCBs/Pesticides  |
| SSD-95-21A               | DX210100             | Storm Sewer 21   | Outfall 21A   | Sediment      | SVOCs  |
| SSD-95-25A<br>SSD-95-25B | DX250100             | Storm Sewer 25   | Outfall 25A, Internal Sample at 25B                       | Sediment      | Filtered and Unfiltered Metals, SVOCs  |
| UST-01                   | GXUT01__*            | AREE 69B         | Monitoring Well UST-01                                    | Ground Water  | TPHC   |
| UST-02                   | GXUT02__*            | AREE 69B         | Monitoring Well UST-02                                    | Ground Water  | TPHC   |
| GE-01                    | GXGE01__*            | AREE 69B         | Monitoring Well GE-01                                     | Ground Water  | TPHC   |
| GE-02                    | GXGE02__*            | AREE 69B         | Monitoring Well GE-02                                     | Ground Water  | TPHC   |
| GE-03                    | GXGE03__*            | AREE 69B         | Monitoring Well GE-03                                     | Ground Water  | TPHC   |

\* The blanks are reserved for the depth at which the sample will be collected. The blanks will be filled in on the day of the sampling event.

Table 2: Comparison of 1993 and 1995 Data

| Site ID<br>Sample Date       | SSD-95-09D<br>7/9/95 | SSD-93-09D<br>8/19/93 | SSD-95-14A<br>7/10/95 | SSD-93-14A<br>8/19/93 | SSD-95-14C<br>7/10/95 | SSD-93-14C<br>8/19/93 |
|------------------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>Semivolatile Organics</b> |                      |                       |                       |                       |                       |                       |
| <i>Polynuclear Aromatics</i> |                      |                       |                       |                       |                       |                       |
| Pyrene                       | 3.0                  | 13.0                  | --                    | --                    | --                    | --                    |
| <i>Pesticides</i>            |                      |                       |                       |                       |                       |                       |
| DDD                          | .0027 (LT)           | .043                  | .035 (ND)             | 0.27                  | .0027 (LT)            | .026                  |
| DDE                          | .0027 (LT)           | .005                  | .027 (ND)             | 0.055                 | .0027 (LT)            | .008                  |
| DDT                          | .0035 (LT)           | .022                  | .105 (est.)           | 0.68                  | .0035 (LT)            | .10                   |
| <i>Metals</i>                |                      |                       |                       |                       |                       |                       |
| Arsenic                      | --                   | --                    | 15                    | 9.51                  | 7.97                  | 3.4                   |
| Barium                       | --                   | --                    | 67.5                  | 71.4                  | 24.9                  | 45.8                  |
| Lead                         | --                   | --                    | 140                   | 52                    | 10.1                  | 45                    |
| Vanadium                     | --                   | --                    | 40.5                  | 44.2                  | 14.2                  | 30.6                  |

Note: All results are recorded in µg/g

ND = Not detected  
 LT = Less than  
 GT = Greater than  
 est. = Estimate

Table 2: Comparison of 1993 and 1995 Data (continued)

| Site ID<br>Sample Date       | SSD-95-21A<br>7/10/95 | SSD-93-21A<br>8/23/95 | SSD-95-25A<br>7/10/95 | SSD-93-25A<br>8/24/93 | SSD-95-25B<br>7/10/95 | SSD-93-25B<br>8/24/93 |
|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| <b>Semivolatile Organics</b> |                       |                       |                       |                       |                       |                       |
| <i>Polynuclear Aromatics</i> |                       |                       |                       |                       |                       |                       |
| Acenaphthylene               | --                    | --                    | 9.0                   | 3.6                   | 9.0                   | 0.37                  |
| Anthracene                   | 1.0 (LT)              | 11                    | --                    | --                    | --                    | --                    |
| Benzo(a)anthracene           | 0.5                   | 15                    | 60                    | 12                    | 40                    | 2.2                   |
| Benzo(a)pyrene               | 2.0 (LT)              | 11                    | 30                    | 12                    | 10                    | --                    |
| Chrysene                     | 0.5                   | 13                    | 50                    | 16                    | 40                    | 2.4                   |
| Fluoranthene                 | 0.5                   | 6.2                   | 2                     | 6.2 (GT)              | 50                    | 2.6                   |
| Phenanthrene                 | 0.4                   | 12                    | 100                   | 26                    | 30                    | 3.2                   |
| Pyrene                       | 0.6                   | 6.2                   | --                    | --                    | --                    | --                    |
| <i>Metals</i>                |                       |                       |                       |                       |                       |                       |
| Selenium                     | --                    | --                    | 0.449 (LT)            | 1.07                  | 0.449                 | --                    |

Note: All results are recorded in µg/g

ND = Not detected  
 LT = Less than  
 GT = Greater than  
 est. = Estimate

**Table 3: Ground Water Monitoring Well Samples, AREE 69B**

| Sample Location | 1995 TPHC $\mu\text{g/L}$ | 1994 TPHC $\mu\text{g/L}$ |
|-----------------|---------------------------|---------------------------|
| UST - 01        | 397                       | 7,200                     |
| UST - 02        | 110                       | 9,600                     |
| GE - 01         | 100                       | 2,300                     |
| GE - 02         | 1,130                     | 290                       |
| GE - 03         | 100                       | 100                       |

**Appendix A: Data Summary Tables - Supplemental Sampling Event**

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Qals | QC Test Code | Depth | Method | Compound Name                | Value       | Meas Boot | Unit |
|------------|------------------|------------|-----------|-------------|------|-----------|-----------|--------------|-------|--------|------------------------------|-------------|-----------|------|
| GE-01      | GXGE0100         | CGW        | WELL      | 07/10/95    | ATRB |           |           |              | 0.0   | 4181   | Total Petroleum Hydrocarbons | 100.000     | LT        | UGL  |
| GE-02      | GXGE0200         | CGW        | WELL      | 07/10/95    | ATRB |           |           |              | 0.0   | 4181   | Total Petroleum Hydrocarbons | 1,130.000   |           | UGL  |
| GE-03      | GIDGE0300        | CGW        | WELL      | 07/10/95    | ATRB | D         |           |              | 0.0   | 4181   | Total Petroleum Hydrocarbons | 100.000     | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATVF |           |           |              | 0.0   | 1602   | Total Suspended Solids       | 774.000     | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRZ |           |           |              | 0.0   | 2340   | Total Hardness               | 232,000.000 |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATOG | F         |           |              | 0.0   | 3102   | Alkalinity                   | 139,000.000 |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRB |           |           |              | 0.0   | 4181   | Total Petroleum Hydrocarbons | 100.000     | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Aluminum                     | 8,870.000   |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Antimony                     | 60.000      | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Barium                       | 39.500      |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Beryllium                    | 2.410       |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Cadmium                      | 6.780       | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Calcium                      | 55,300.000  |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Chromium                     | 21.000      |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Cobalt                       | 25.000      | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Copper                       | 22.100      |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Iron                         | 22,300.000  |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Magnesium                    | 24,700.000  |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Manganese                    | 549.000     |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Nickel                       | 32.100      | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Potassium                    | 2,380.000   |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Silver                       | 10.000      | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Sodium                       | 9,520.000   |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Thallium                     | 125.000     | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           |           |              | 0.0   | SS12   | Vanadium                     | 27.600      | LT        | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATRY |           | MI        |              | 0.0   | SS12   | Zinc                         | 50.100      |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATOB |           |           |              | 0.0   | TT09   | Chloride                     | 18,000.000  |           | UGL  |
| GE-03      | GXGE0300         | CGW        | WELL      | 07/10/95    | ATOB |           |           |              | 0.0   | TT09   | Sulfate                      | 53,000.000  |           | UGL  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Aldrin                       | 0.001       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Chlordane                    | 0.068       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | U         |           |              | 0.0   | LH17   | Dieldrin                     | 0.005       |           | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Endosulfan I                 | 0.001       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | C2        |           |              | 0.0   | LH17   | Endosulfan II                | 0.001       |           | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Endrin                       | 0.006       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | T         |           |              | 0.0   | LH17   | Endrin aldehyde              | 0.000       | ND        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Heptachlor                   | 0.002       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Heptachlor epoxide           | 0.001       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Isodrin                      | 0.003       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Lindane                      | 0.001       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | Methoxychlor                 | 0.035       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |           |              | 0.0   | LH17   | PCB 1016                     | 0.100       | LT        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | T         |           |              | 0.0   | LH17   | PCB 1221                     | 0.100       | ND        | UGG  |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | T         |           |              | 0.0   | LH17   | PCB 1232                     | 0.100       | ND        | UGG  |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name               | Value | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|-----------------------------|-------|-----------|-----------|
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1242                    | 0.100 | ND        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1248                    | 0.100 | ND        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1254                    | 0.047 | ND        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | PCB 1260                    | 0.047 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Toxaphene                   | 0.226 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | alpha-BHC                   | 0.002 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | beta-BHC                    | 0.007 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | delta-BHC                   | 0.008 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | p,p'-DDD                    | 0.002 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | p,p'-DDE                    | 0.002 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | p,p'-DDT                    | 0.003 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,2,4-Trichlorobenzene      | 0.400 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,2-Dichlorobenzene         | 0.080 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,3-Dichlorobenzene         | 0.080 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,4-Dichlorobenzene         | 0.070 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4,5-Trichlorophenol       | 1.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4,6-Trichlorophenol       | 0.100 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dichlorophenol          | 0.100 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dimethylphenol          | 6.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dinitrophenol           | 9.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dinitrotoluene          | 3.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Chloronaphthalene         | 0.500 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Chlorophenol              | 0.100 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methyl-4,6-dinitrophenol  | 2.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methylnaphthalene         | 0.060 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methylphenol              | 0.200 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ | R         |            |              | 0.0   | LM25   | 2-Nitroaniline              | 6.000 | ND        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Nitrophenol               | 2.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3,3'-Dichlorobenzidine      | 3.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3-Methyl-4-Chlorophenol     | 2.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3-Nitroaniline              | 6.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Bromophenylphenyl Ether   | 0.080 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Chlorophenylphenyl Ether  | 0.300 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Methylphenol              | 0.500 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Nitrophenol               | 7.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Acenaphthene                | 0.080 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Acenaphthylene              | 0.400 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Anthracene                  | 1.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[a]anthracene          | 1.000 | UGG       |           |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[a]pyrene              | 2.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[b]fluoranthene        | 2.000 | UGG       |           |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[ghi]perylene          | 0.400 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[k]fluoranthene        | 4.000 | UGG       |           |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzyl alcohol              | 0.060 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Bis(2-chloroethoxy) methane | 0.400 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Bis(2-ethylhexyl) phthalate | 1.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Butylbenzyl phthalate       | 4.000 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Chrysene                    | 2.000 | UGG       |           |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Di-n-butyl phthalate        | 3.000 | UGG       |           |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Di-n-octyl phthalate        | 0.500 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dibenz[a,h]anthracene       | 0.600 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dibenzofuran                | 0.800 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Diethyl phthalate           | 0.500 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dimethyl phthalate          | 0.100 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Fluoranthene                | 2.000 | UGG       |           |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Fluorene                    | 0.300 | UGG       |           |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachlorobenzene           | 0.200 | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachlorobutadiene         | 2.000 | LT        | UGG       |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name                | Value      | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|------------------------------|------------|-----------|-----------|
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachlorocyclopentadiene    | 1.000      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachloroethane             | 4.000      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ | NB        |            |              | 0.0   | LM25   | Hexadecanoic acid / Palmitic | 5.000      |           | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Indeno[1,2,3-C,D]pyrene      | 5.000      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Isophorone                   | 0.800      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | N-Nitrosodi-n-propylamine    | 2.000      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | N-Nitrosodiphenylamine       | 0.600      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Naphthalene                  | 1.000      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Nitrobenzene                 | 4.000      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Octadecanoic acid / Stearic  | 0.700      |           | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ | NB        |            |              | 0.0   | LM25   | Pentachlorophenol            | 2.000      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Phenanthrene                 | 4.000      |           | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Phenol                       | 0.100      | LT        | UGG       |
| SSD-95-09D | DX090400         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Pyrene                       | 3.000      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATSX | D         |            |              | 0.0   | B9     | Arsenic                      | 17.700     |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATSZ | D         |            |              | 0.0   | JD20   | Selenium                     | 0.449      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATSY | DB        |            |              | 0.0   | JD21   | Lead                         | 140.000    |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Aluminum                     | 9,990.000  |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         | N          |              | 0.0   | JS12   | Antimony                     | 19.600     | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Barium                       | 59.100     |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Beryllium                    | 0.427      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Cadmium                      | 19.500     |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Calcium                      | 3,910.000  |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Chromium                     | 31.000     |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Cobalt                       | 9.990      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Copper                       | 50.000     |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Iron                         | 20,700.000 |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Magnesium                    | 3,790.000  |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Manganese                    | 530.000    |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Nickel                       | 44.400     |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Potassium                    | 1,690.000  |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Silver                       | 0.803      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Sodium                       | 631.000    |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | D         |            |              | 0.0   | JS12   | Thallium                     | 34.300     | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        |            |              | 0.0   | JS12   | Vanadium                     | 41.700     |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATRX | DB        | I          |              | 0.0   | JS12   | Zinc                         | 433.000    |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | UD        |            |              | 0.0   | LH17   | Aldrin                       | 0.013      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Chlordane                    | 0.068      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | CD        |            |              | 0.0   | LH17   | Dieldrin                     | 0.007      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | DU        |            |              | 0.0   | LH17   | Endosulfan I                 | 0.006      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | U2D       |            |              | 0.0   | LH17   | Endosulfan II                | 0.001      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Endrin                       | 0.006      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Endrin aldehyde              | 0.000      | ND        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Heptachlor                   | 0.002      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Heptachlor epoxide           | 0.001      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Isodrin                      | 0.003      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Lindane                      | 0.001      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Methoxychlor                 | 0.035      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | PCB 1016                     | 0.100      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | TD        |            |              | 0.0   | LH17   | PCB 1221                     | 0.100      | ND        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | TD        |            |              | 0.0   | LH17   | PCB 1232                     | 0.100      | ND        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | TD        |            |              | 0.0   | LH17   | PCB 1242                     | 0.100      | ND        | UGG       |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name      | Value      | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|--------------------|------------|-----------|-----------|
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | TD        |            |              | 0.0   | LH17   | PCB 1248           | 0.100      | ND        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | ZCD       |            |              | 0.0   | LH17   | PCB 1254           | 1.160      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | PCB 1260           | 0.047      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | Toxaphene          | 0.226      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | alpha-BHC          | 0.002      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | beta-BHC           | 0.007      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | D         |            |              | 0.0   | LH17   | delta-BHC          | 0.008      | LT        | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | C2D       |            |              | 0.0   | LH17   | p,p'-DDD           | 0.035      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | UD        |            |              | 0.0   | LH17   | p,p'-DDE           | 0.026      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATMG | C2D       |            |              | 0.0   | LH17   | p,p'-DDT           | 0.087      |           | UGG       |
| SSD-95-14A | DD140100         | CSE        | STSW      | 07/10/95    | ATQB | D         |            |              | 0.0   | Y9     | Mercury            | 0.270      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATSX |           |            |              | 0.0   | B9     | Arsenic            | 15.000     |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATSZ |           |            |              | 0.0   | JD20   | Selenium           | 0.449      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATSY | B         |            |              | 0.0   | JD21   | Lead               | 140.000    |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Aluminum           | 9,860.000  |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         | N          |              | 0.0   | JS12   | Antimony           | 19.600     | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Barium             | 67.500     |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Beryllium          | 0.427      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Cadmium            | 13.200     |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Calcium            | 2,840.000  |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Chromium           | 50.700     |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Cobalt             | 8.880      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Copper             | 44.100     |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Iron               | 19,900.000 |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Magnesium          | 3,650.000  |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Manganese          | 287.000    |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Nickel             | 48.500     |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Potassium          | 1,600.000  |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Silver             | 0.803      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Sodium             | 147.000    |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Thallium           | 34.300     | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Vanadium           | 40.500     |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATRX | B         | I          |              | 0.0   | JS12   | Zinc               | 328.000    |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | U         |            |              | 0.0   | LH17   | Aldrin             | 0.013      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Chlordane          | 0.068      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | C         |            |              | 0.0   | LH17   | Dieldrin           | 0.007      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | U2        |            |              | 0.0   | LH17   | Endosulfan I       | 0.006      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | U2        |            |              | 0.0   | LH17   | Endosulfan II      | 0.001      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Endrin             | 0.006      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | Endrin aldehyde    | 0.000      | ND        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | 2         |            |              | 0.0   | LH17   | Heptachlor         | 0.002      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | C         |            |              | 0.0   | LH17   | Heptachlor epoxide | 0.011      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Isodrin            | 0.003      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Lindane            | 0.001      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Methoxychlor       | 0.035      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | PCB 1016           | 0.100      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1221           | 0.100      | ND        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1232           | 0.100      | ND        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1242           | 0.100      | ND        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1248           | 0.100      | ND        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | ZC        |            |              | 0.0   | LH17   | PCB 1254           | 1.160      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | PCB 1260           | 0.047      | LT        | UGG       |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name      | Value      | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|--------------------|------------|-----------|-----------|
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Toxaphene          | 0.226      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | alpha-BHC          | 0.002      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | beta-BHC           | 0.007      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | delta-BHC          | 0.008      | LT        | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | U2        |            |              | 0.0   | LH17   | p,p'-DDD           | 0.035      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | U         |            |              | 0.0   | LH17   | p,p'-DDE           | 0.027      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATMG | C2        |            |              | 0.0   | LH17   | p,p'-DDT           | 0.105      |           | UGG       |
| SSD-95-14A | DX140100         | CSE        | STSW      | 07/10/95    | ATQB |           |            |              | 0.0   | Y9     | Mercury            | 0.281      |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATSX |           |            |              | 0.0   | B9     | Arsenic            | 7.970      |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATSZ |           |            |              | 0.0   | JD20   | Selenium           | 0.449      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATSY | B         |            |              | 0.0   | JD21   | Lead               | 10.100     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         | N          |              | 0.0   | JS12   | Aluminum           | 7,060.000  |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Antimony           | 19.600     | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Barium             | 24.900     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Beryllium          | 0.427      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Cadmium            | 1.200      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Calcium            | 997.000    |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Chromium           | 21.100     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Cobalt             | 4.840      |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Copper             | 91.500     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Iron               | 14,900.000 |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Magnesium          | 4,120.000  |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Manganese          | 195.000    |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Nickel             | 14.400     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Potassium          | 1,670.000  |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Silver             | 0.803      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Sodium             | 59.400     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Thallium           | 34.300     | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Vanadium           | 14.200     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATRX | B         | I          |              | 0.0   | JS12   | Zinc               | 31.400     |           | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Aldrin             | 0.001      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Chlordane          | 0.068      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Dieldrin           | 0.001      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Endosulfan I       | 0.001      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Endosulfan II      | 0.000      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Endrin             | 0.006      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | Endrin aldehyde    | 0.000      | ND        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Heptachlor         | 0.002      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Heptachlor epoxide | 0.001      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Isodrin            | 0.003      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Lindane            | 0.001      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Methoxychlor       | 0.035      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | PCB 1016           | 0.100      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1221           | 0.100      | ND        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1232           | 0.100      | ND        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1242           | 0.100      | ND        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1248           | 0.100      | ND        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG | T         |            |              | 0.0   | LH17   | PCB 1254           | 0.047      | ND        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | PCB 1260           | 0.047      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | Toxaphene          | 0.226      | LT        | UGG       |
| SSD-95-14C | DX140300         | CSE        | STSW      | 07/10/95    | ATMG |           |            |              | 0.0   | LH17   | alpha-BHC          | 0.002      | LT        | UGG       |

| Site ID    | Field<br>Sample No. | Media<br>Type | Site<br>Type | Sample<br>Date | Lot  | Flag<br>Code | Data<br>Quals | QC Test<br>Code | Depth | Method | Compound Name               | Value    | Meas<br>Bool | Unit<br>Meas |
|------------|---------------------|---------------|--------------|----------------|------|--------------|---------------|-----------------|-------|--------|-----------------------------|----------|--------------|--------------|
| SSD-95-14C | DX140300            | CSE           | STSW         | 07/10/95       | ATMG |              |               |                 | 0.0   | LH17   | beta-BHC                    | 0.007 LT | UGG          | UGG          |
| SSD-95-14C | DX140300            | CSE           | STSW         | 07/10/95       | ATMG |              |               |                 | 0.0   | LH17   | delta-BHC                   | 0.008 LT | UGG          | UGG          |
| SSD-95-14C | DX140300            | CSE           | STSW         | 07/10/95       | ATMG |              |               |                 | 0.0   | LH17   | p,p'-DDD                    | 0.002 LT | UGG          | UGG          |
| SSD-95-14C | DX140300            | CSE           | STSW         | 07/10/95       | ATMG |              |               |                 | 0.0   | LH17   | p,p'-DDE                    | 0.002 LT | UGG          | UGG          |
| SSD-95-14C | DX140300            | CSE           | STSW         | 07/10/95       | ATMG |              |               |                 | 0.0   | LH17   | p,p'-DDT                    | 0.003 LT | UGG          | UGG          |
| SSD-95-14C | DX140300            | CSE           | STSW         | 07/10/95       | ATQB |              |               |                 | 0.0   | Y9     | Mercury                     | 0.050 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 1,2,4-Trichlorobenzene      | 0.400 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 1,2-Dichlorobenzene         | 0.080 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 1,3-Dichlorobenzene         | 0.080 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 1,4-Dichlorobenzene         | 0.070 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2,4,5-Trichlorophenol       | 1.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2,4,6-Trichlorophenol       | 0.100 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2,4-Dichlorophenol          | 0.100 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2,4-Dimethylphenol          | 6.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2,4-Dinitrophenol           | 9.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2,4-Dinitrotoluene          | 3.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2-Chloronaphthalene         | 0.500 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2-Chlorophenol              | 0.100 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2-Methyl-4,6-dinitrophenol  | 2.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2-Methylnaphthalene         | 0.060 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2-Methylphenol              | 0.200 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2-Nitroaniline              | 6.000 ND | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 2-Nitrophenol               | 2.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 3,3'-Dichlorobenzidine      | 3.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 3-Methyl-4-Chlorophenol     | 2.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 3-Nitroaniline              | 6.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 4-Bromophenylphenyl Ether   | 0.080 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 4-Chlorophenylphenyl Ether  | 0.300 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 4-Methylphenol              | 0.500 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | 4-Nitrophenol               | 7.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Acenaphthene                | 0.080 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Acenaphthylene              | 0.300    | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Anthracene                  | 1.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Benzo[a]anthracene          | 0.500    | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Benzo[a]pyrene              | 2.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Benzo[b]fluoranthene        | 0.600 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Benzo[g]hulperylene         | 0.400 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Benzo[k]fluoranthene        | 0.300 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Benzyl alcohol              | 0.060 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Bis(2-chloroethoxy) methane | 0.400 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Bis(2-ethylhexyl) phthalate | 1.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Butylbenzyl phthalate       | 4.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Chrysene                    | 0.500    | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Di-n-butyl phthalate        | 3.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Di-n-octyl phthalate        | 0.500 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Dibenz[a,h]anthracene       | 0.600 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Dibenzofuran                | 0.800 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Diethyl phthalate           | 0.500 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Dimethyl phthalate          | 0.100 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Fluoranthene                | 0.500    | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Fluorene                    | 0.100 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachlorobenzene           | 0.200 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachlorobutadiene         | 2.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachlorocyclopentadiene   | 1.000 LT | UGG          | UGG          |
| SSD-95-21A | DX2101X1            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachloroethane            | 4.000 LT | UGG          | UGG          |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name                | Value  | Meas Boot | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|------------------------------|--------|-----------|-----------|
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ | NB        |            |              | 0.0   | LM25   | Hexadecanoic acid / Palmitic | 2.000  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Indeno[1,2,3-C,D]pyrene      | 5.000  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Isophorone                   | 0.800  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | N-Nitrosodi-n-propylamine    | 2.000  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | N-Nitrosodiphenylamine       | 0.600  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Naphthalene                  | 1.000  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Nitrobenzene                 | 4.000  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Octadecanoic acid / Stearic  | 0.600  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ | NB        |            |              | 0.0   | LM25   | Pentachlorophenol            | 2.000  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Phenanthrene                 | 0.400  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Phenol                       | 0.100  | LT        | UGG       |
| SSD-95-21A | DX2101X1         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Pyrene                       | 0.600  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 1,2,4-Trichlorobenzene       | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 1,2-Dichlorobenzene          | 0.400  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 1,3-Dichlorobenzene          | 0.400  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 1,4-Dichlorobenzene          | 0.300  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2,4,5-Trichlorophenol        | 5.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2,4,6-Trichlorophenol        | 0.600  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2,4-Dichlorophenol           | 0.600  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2,4-Dimethylphenol           | 30.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2,4-Dinitrophenol            | 50.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2,4-Dinitrotoluene           | 10.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2-Chloronaphthalene          | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2-Chlorophenol               | 0.600  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2-Methyl-4,6-dinitrophenol   | 8.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2-Methylnaphthalene          | 0.600  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2-Methylphenol               | 1.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | DR        |            |              | 0.0   | LM25   | 2-Nitroaniline               | 30.000 | ND        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 2-Nitrophenol                | 10.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 3,3'-Dichlorobenzidine       | 20.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 3-Methyl-4-Chlorophenol      | 9.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 3-Nitroaniline               | 30.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 4-Bromophenylphenyl Ether    | 0.400  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 4-Chlorophenylphenyl Ether   | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 4-Methylphenol               | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | 4-Nitrophenol                | 30.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Acenaphthene                 | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Acenaphthylene               | 7.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Anthracene                   | 7.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Benzo[a]anthracene           | 40.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Benzo[a]pyrene               | 30.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Benzo[b]fluoranthene         | 50.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Benzo[g]hijperylene          | 20.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Benzo[k]fluoranthene         | 20.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Benzyl alcohol               | 0.300  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Bis(2-chloroethoxy) methane  | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Bis(2-ethylhexyl) phthalate  | 5.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Butylbenzyl phthalate        | 20.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Chrysene                     | 40.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Di-n-butyl phthalate         | 10.000 | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Di-n-octyl phthalate         | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Dibenz[a,h]anthracene        | 4.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Dibenzofuran                 | 4.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Diethyl phthalate            | 2.000  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Dimethyl phthalate           | 0.600  | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Fluoranthene                 | 60.000 | LT        | UGG       |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name             | Value     | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|---------------------------|-----------|-----------|-----------|
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Fluorene                  | 0.600     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Hexachlorobenzene         | 0.800     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Hexachlorobutadiene       | 10.000    | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Hexachlorocyclopentadiene | 5.000     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Hexachloroethane          | 20.000    | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Indeno[1,2,3-C,D]pyrene   | 20.000    | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Isophorone                | 4.000     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | N-Nitrosodi-n-propylamine | 10.000    | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | N-Nitrosodiphenylamine    | 3.000     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Naphthalene               | 7.000     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Nitrobenzene              | 20.000    | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Pentachlorophenol         | 8.000     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Phenanthrene              | 70.000    | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Phenol                    | 0.500     | LT        | UGG       |
| SSD-95-25A | DD250100         | CSE        | STSW      | 07/10/95    | ATMJ | D         |            |              | 0.0   | LM25   | Pyrene                    | 70.000    | LT        | UGG       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATSA |           | R          |              | 0.0   | AX8    | Arsenic                   | 2.350     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATQH |           | R          |              | 0.0   | CC8    | Mercury                   | 0.100     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATSB |           | R          |              | 0.0   | SD18   | Lead                      | 4.470     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATSC |           | R          |              | 0.0   | SD25   | Selenium                  | 2.530     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Aluminum                  | 112.000   | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Antimony                  | 60.000    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Barium                    | 2.820     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Beryllium                 | 1.120     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Cadmium                   | 6.780     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Calcium                   | 105.000   | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Chromium                  | 16.800    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Cobalt                    | 25.000    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Copper                    | 18.800    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Iron                      | 77.500    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Magnesium                 | 135.000   | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Manganese                 | 9.670     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Nickel                    | 32.100    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Potassium                 | 1,240.000 | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Silver                    | 10.000    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Sodium                    | 279.000   | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Thallium                  | 125.000   | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Vanadium                  | 27.600    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATRY |           | R          |              | 0.0   | SS12   | Zinc                      | 18.000    | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Aldrin                    | 0.007     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Dieldrin                  | 0.007     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Endosulfan I              | 0.002     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Endosulfan II             | 0.007     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Endrin                    | 0.017     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Endrin aldehyde           | 0.050     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH | U         | R          |              | 0.0   | UH20   | Heptachlor                | 0.229     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Heptachlor epoxide        | 0.006     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Isodrin                   | 0.002     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Lindane                   | 0.002     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | Methoxychlor              | 0.075     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           | R          |              | 0.0   | UH20   | PCB 1016                  | 0.385     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH | T         | R          |              | 0.0   | UH20   | PCB 1221                  | 0.385     | ND        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH | T         | R          |              | 0.0   | UH20   | PCB 1232                  | 0.385     | ND        | UGL       |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name                  | Value   | Meas Bool | Unit |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|--------------------------------|---------|-----------|------|
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH | T         |            | R            | 0.0   | UH20   | PCB 1242                       | 0.385   | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH | T         |            | R            | 0.0   | UH20   | PCB 1248                       | 0.385   | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH | T         |            | R            | 0.0   | UH20   | PCB 1254                       | 0.176   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           |            | R            | 0.0   | UH20   | PCB 1260                       | 1.640   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           |            | R            | 0.0   | UH20   | Toxaphene                      | 0.002   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           |            | R            | 0.0   | UH20   | alpha-BHC                      | 0.031   | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH | T         |            | R            | 0.0   | UH20   | beta-BHC                       | 0.009   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           |            | R            | 0.0   | UH20   | delta-BHC                      | 0.003   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           |            | R            | 0.0   | UH20   | p,p'-DDD                       | 0.008   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           |            | R            | 0.0   | UH20   | p,p'-DDE                       | 0.003   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATMH |           |            | R            | 0.0   | UH20   | p,p'-DDT                       | 0.002   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 1,2,3-Trichlorobenzene         | 5.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 1,2,4-Trichlorobenzene         | 2.400   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 1,2-Dichlorobenzene            | 1.200   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 1,2-Diphenylhydrazine          | 13.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 1,3-Dichlorobenzene            | 3.400   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | RV        |            | R            | 0.0   | UM25   | 1,3-Dinitrobenzene             | 10.000  | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 1,4-Dichlorobenzene            | 1.500   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 1,4-Oxathiane                  | 27.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,3,6-Trichlorophenol          | 1.700   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,4,5-Trichlorophenol          | 2.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,4,6-Trichlorophenol          | 3.600   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,4-Dichlorophenol             | 8.400   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,4-Dimethylphenol             | 4.400   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,4-Dinitrophenol              | 180.000 | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,4-Dinitrotoluene             | 5.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2,6-Dinitroaniline             | 8.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2-Chloronaphthalene            | 2.600   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2-Chlorophenol                 | 2.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | RV        |            | R            | 0.0   | UM25   | 2-Methyl-4,6-dinitrophenol     | 50.000  | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2-Methylnaphthalene            | 1.300   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2-Methylphenol                 | 3.600   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | RV        |            | R            | 0.0   | UM25   | 2-Nitroaniline                 | 31.000  | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 2-Nitrophenol                  | 8.200   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 3,3'-Dichlorobenzidine         | 5.000   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 3,5-Dinitroaniline             | 21.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 3-Methyl-4-Chlorophenol        | 8.500   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 3-Nitroaniline                 | 15.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 3-Nitrotoluene                 | 2.900   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 4-Bromophenylphenyl Ether      | 22.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | RV        |            | R            | 0.0   | UM25   | 4-Chloroaniline                | 1.000   | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 4-Chlorophenylmethyl Sulfide   | 10.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 4-Chlorophenylmethyl Sulfone   | 5.300   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 4-Chlorophenylmethyl Sulfoxide | 15.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 4-Chlorophenylphenyl Ether     | 23.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 4-Methylphenol                 | 2.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | RV        |            | R            | 0.0   | UM25   | 4-Nitroaniline                 | 31.000  | ND        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | 4-Nitrophenol                  | 96.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Acenaphthene                   | 5.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Acenaphthylene                 | 5.100   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Aldrin                         | 13.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Anthracene                     | 5.900   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Benzo[a]anthracene             | 5.900   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Benzo[a]pyrene                 | 9.800   | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Benzo[b]fluoranthene           | 14.000  | LT        | UGL  |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   |                                | 10.000  | LT        | UGL  |

| Site ID    | Field<br>Sample No. | Media<br>Type | Site<br>Type | Sample<br>Date | Lot  | Flag<br>Code | Data<br>Quals | QC Test<br>Code | Depth | Method | Compound Name                | Value   | Meas<br>Bool | Unit<br>Meas |
|------------|---------------------|---------------|--------------|----------------|------|--------------|---------------|-----------------|-------|--------|------------------------------|---------|--------------|--------------|
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Benzoghliperylene            | 15,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Benzolk[fluoranthene         | 10,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | Benzoic acid                 | 3,100   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Benzyl alcohol               | 4,000   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Bis(2-chloroethoxy) methane  | 6,800   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Bis(2-chloroethyl) ether     | 0.680   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Bis(2-chloroisopropyl) ether | 5,000   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Bis(2-ethylhexyl) phthalate  | 7,700   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Bromacil                     | 2,900   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Butylbenzyl phthalate        | 28,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Chlordane                    | 37,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | Chlordecone / Kepone         | 20,000  | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Chrysene                     | 7,400   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Di-n-butyl phthalate         | 33,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Di-n-octyl phthalate         | 1,500   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dibenz[ah]anthracene         | 12,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dibenzofuran                 | 5,100   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dibromochloropropane         | 12,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dicyclopentadiene            | 5,500   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dieldrin                     | 26,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Diethyl phthalate            | 5,900   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Disopropylmethyl Phosphonate | 21,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dimethyl phthalate           | 2,200   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dimethylmethyl Phosphate     | 130,000 | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Dithiane                     | 3,300   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Endosulfan I                 | 23,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Endosulfan II                | 42,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Endosulfan sulfate           | 50,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Endrin                       | 18,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Endrin aldehyde              | 5,000   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | Endrin ketone                | 6,000   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | Famphur / Famophos // Warbex | 20,000  | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Fluoranthene                 | 24,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Fluorene                     | 9,200   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Heptachlor                   | 38,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Heptachlor epoxide           | 28,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Hexachlorobenzene            | 12,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Hexachlorobutadiene          | 8,700   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Hexachlorocyclopentadiene    | 54,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Hexachloroethane             | 8,300   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Indeno[1,2,3-C,D]pyrene      | 21,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Isodrin                      | 7,800   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Isophorone                   | 2,400   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Lindane                      | 7,200   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Malathion                    | 21,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Methoxychlor                 | 11,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Mirex                        | 24,000  | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | N-Nitrosodi-n-propylamine    | 6,800   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | N-Nitrosodimethylamine       | 9,700   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | N-Nitrosodiphenylamine       | 3,700   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Naphthalene                  | 0,500   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | Nitrobenzene                 | 3,700   | LT           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | V            |               | R               | 0.0   | UM25   | PCB 1016                     | 9,100   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | PCB 1221                     | 9,100   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | PCB 1232                     | 9,100   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | PCB 1242                     | 9,100   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | PCB 1248                     | 9,100   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | PCB 1254                     | 9,100   | ND           | UGL          |
| SSD-95-25A | DR250100            | CSE           | RNSW         | 07/10/95       | ATML | RV           |               | R               | 0.0   | UM25   | PCB 1260                     | 13,000  | ND           | UGL          |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name              | Value      | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|----------------------------|------------|-----------|-----------|
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Parathion                  | 37.000     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Pentachlorophenol          | 9.100      | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Phenanthrene               | 9.900      | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Phenol                     | 2.200      | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Pyrene                     | 17.000     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Supona                     | 19.000     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | RV        |            | R            | 0.0   | UM25   | Toxaphene                  | 17.000     | ND        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | Vapona                     | 8.500      | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | alpha-BHC                  | 5.300      | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | beta-BHC                   | 17.000     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | RV        |            | R            | 0.0   | UM25   | delta-BHC                  | 3.000      | ND        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | p,p'-DDD                   | 18.000     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | p,p'-DDE                   | 14.000     | LT        | UGL       |
| SSD-95-25A | DR250100         | CSE        | RNSW      | 07/10/95    | ATML | V         |            | R            | 0.0   | UM25   | p,p'-DDT                   | 18.000     | LT        | UGL       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATSX |           |            |              | 0.0   | B9     | Arsenic                    | 10.700     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATSZ |           |            |              | 0.0   | JD20   | Selenium                   | 0.449      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATSY | B         |            |              | 0.0   | JD21   | Lead                       | 130.000    |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Aluminum                   | 6,870.000  |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           | N          |              | 0.0   | JS12   | Antimony                   | 19.600     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Barium                     | 14.800     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Beryllium                  | 0.427      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Cadmium                    | 1.200      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Calcium                    | 1,370.000  |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Chromium                   | 21.800     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Cobalt                     | 4.250      |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Copper                     | 11.600     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Iron                       | 14,300.000 |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Magnesium                  | 2,960.000  |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Manganese                  | 150.000    |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Nickel                     | 12.400     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Potassium                  | 689.000    |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Silver                     | 0.803      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Sodium                     | 58.100     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Thallium                   | 34.300     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Vanadium                   | 17.000     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATRX | B         |            | I            | 0.0   | JS12   | Zinc                       | 53.800     |           | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,2,4-Trichlorobenzene     | 2.000      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,2-Dichlorobenzene        | 0.400      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,3-Dichlorobenzene        | 0.400      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,4-Dichlorobenzene        | 0.300      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4,5-Trichlorophenol      | 5.000      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4,6-Trichlorophenol      | 0.600      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dichlorophenol         | 0.600      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dimethylphenol         | 30.000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dinitrophenol          | 50.000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dinitrotoluene         | 10.000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Chloronaphthalene        | 2.000      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Chlorophenol             | 0.600      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methyl-4,6-dinitrophenol | 8.000      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methylnaphthalene        | 0.300      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methylphenol             | 1.000      | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ | R         |            |              | 0.0   | LM25   | 2-Nitroaniline             | 30.000     | ND        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Nitrophenol              | 10.000     | LT        | UGG       |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name               | Value     | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|-----------------------------|-----------|-----------|-----------|
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3,3'-Dichlorobenzidine      | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3-Methyl-4-Chlorophenol     | 9,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3-Nitroaniline              | 30,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Bromophenylphenyl Ether   | 0,400     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Chlorophenylphenyl Ether  | 2,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Methylphenol              | 2,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Nitrophenol               | 30,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Acenaphthene                | 4,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Acenaphthylene              | 9,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Anthracene                  | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[a]anthracene          | 60,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[a]pyrene              | 30,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[b]fluoranthene        | 60,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[ghi]perylene          | 30,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[k]fluoranthene        | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzyl alcohol              | 0,300     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Bis(2-chloroethoxy) methane | 2,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Bis(2-ethylhexyl) phthalate | 5,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Butylbenzyl phthalate       | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Chrysene                    | 50,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Di-n-butyl phthalate        | 10,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Di-n-octyl phthalate        | 2,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dibenz[a]anthracene         | 6,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dibenzofuran                | 4,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Diethyl phthalate           | 2,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dimethyl phthalate          | 0,600     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Fluoranthene                | 2,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Fluorene                    | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachlorobenzene           | 0,800     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachlorobutadiene         | 10,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachlorocyclopentadiene   | 5,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Hexachloroethane            | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Indeno[1,2,3-C,D]pyrene     | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Isophorone                  | 4,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | N-Nitrosodi-n-propylamine   | 10,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | N-Nitrosodiphenylamine      | 3,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Naphthalene                 | 7,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Nitrobenzene                | 20,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Pentachlorophenol           | 8,000     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Phenanthrene                | 100,000   | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Phenol                      | 0,500     | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Pyrene                      | 90,000    | LT        | UGG       |
| SSD-95-25A | DX250100         | CSE        | STSW      | 07/10/95    | ATQB |           |            |              | 0.0   | Y9     | Mercury                     | 0,050     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATSX |           |            |              | 0.0   | B9     | Arsenic                     | 10,600    |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATSZ |           |            |              | 0.0   | JD20   | Selenium                    | 0,449     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATSY | B         |            |              | 0.0   | JD21   | Lead                        | 74,000    |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Aluminum                    | 4,700,000 |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         | N          |              | 0.0   | JS12   | Antimony                    | 19,600    | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Barium                      | 31,600    |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Beryllium                   | 0,427     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Cadmium                     | 1,200     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Calcium                     | 1,460,000 |           | UGG       |

| Site ID    | Field Sample No. | Media Type | Site Type | Sample Date | Lot  | Flag Code | Data Quals | QC Test Code | Depth | Method | Compound Name               | Value      | Meas Bool | Unit Meas |
|------------|------------------|------------|-----------|-------------|------|-----------|------------|--------------|-------|--------|-----------------------------|------------|-----------|-----------|
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Chromium                    | 11.900     |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Cobalt                      | 3.550      |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Copper                      | 14.900     |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Iron                        | 11,700.000 |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Magnesium                   | 1,370.000  |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Manganese                   | 506.000    |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Nickel                      | 11.300     |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Potassium                   | 784.000    |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Silver                      | 0.803      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Sodium                      | 107.000    |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX |           |            |              | 0.0   | JS12   | Thallium                    | 34.300     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         |            |              | 0.0   | JS12   | Vanadium                    | 17.900     |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATRX | B         | I          |              | 0.0   | JS12   | Zinc                        | 83.600     |           | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,2,4-Trichlorobenzene      | 2.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,2-Dichlorobenzene         | 0.400      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,3-Dichlorobenzene         | 0.400      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 1,4-Dichlorobenzene         | 0.300      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4,5-Trichlorophenol       | 5.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4,6-Trichlorophenol       | 0.600      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dichlorophenol          | 0.600      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dimethylphenol          | 30.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dinitrophenol           | 50.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2,4-Dinitrotoluene          | 10.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Chloronaphthalene         | 2.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Chlorophenol              | 0.600      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methyl-4,6-dinitrophenol  | 8.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methylnaphthalene         | 0.300      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Methylphenol              | 1.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ | R         |            |              | 0.0   | LM25   | 2-Nitroaniline              | 30.000     | ND        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 2-Nitrophenol               | 10.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3,3'-Dichlorobenzidine      | 20.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3-Methyl-4-Chlorophenol     | 9.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 3-Nitroaniline              | 30.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Bromophenylphenyl Ether   | 0.400      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Chlorophenylphenyl Ether  | 2.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Methylphenol              | 2.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | 4-Nitrophenol               | 30.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Acenaphthene                | 0.400      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Acenaphthylene              | 9.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Anthracene                  | 7.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[a]anthracene          | 40.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[a]pyrene              | 10.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[b]fluoranthene        | 50.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[g]hpileylene          | 20.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzo[k]fluoranthene        | 20.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Benzyl alcohol              | 0.300      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Bis(2-chloroethoxy) methane | 2.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Bis(2-ethylhexyl) phthalate | 5.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Butylbenzyl phthalate       | 20.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Chrysene                    | 40.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Di-n-butyl phthalate        | 10.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Di-n-octyl phthalate        | 2.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dibenz[ah]anthracene        | 3.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dibenzofuran                | 4.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Diethyl phthalate           | 2.000      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Dimethyl phthalate          | 0.600      | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Fluoranthene                | 50.000     | LT        | UGG       |
| SSD-95-25B | DX250200         | CSE        | STSW      | 07/10/95    | ATMJ |           |            |              | 0.0   | LM25   | Fluorene                    | 2.000      | LT        | UGG       |

| Site ID    | Field<br>Sample No. | Media<br>Type | Site<br>Type | Sample<br>Date | Lot  | Flag<br>Code | Data<br>Quals | QC Test<br>Code | Depth | Method | Compound Name                | Value   | Meas<br>Bool | Unit<br>Meas |
|------------|---------------------|---------------|--------------|----------------|------|--------------|---------------|-----------------|-------|--------|------------------------------|---------|--------------|--------------|
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachlorobenzene            | 0.800   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachlorobutadiene          | 10.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachlorocyclopentadiene    | 5.000   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Hexachloroethane             | 20.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ | S            |               |                 | 0.0   | LM25   | Hexadecanoic acid / Palmitic | 10.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Indeno[1,2,3-C,D]pyrene      | 20.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Isophorone                   | 4.000   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | N-Nitrosodi-n-propylamine    | 10.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | N-Nitrosodiphenylamine       | 3.000   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Naphthalene                  | 7.000   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Nitrobenzene                 | 20.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ | S            |               |                 | 0.0   | LM25   | Octadecanoic acid / Stearic  | 7.000   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Pentachlorophenol            | 8.000   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Phenanthrene                 | 30.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Phenol                       | 0.500   | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATMJ |              |               |                 | 0.0   | LM25   | Pyrene                       | 60.000  | LT           | UGG          |
| SSD-95-25B | DX250200            | CSE           | STSW         | 07/10/95       | ATQB |              |               |                 | 0.0   | Y9     | Mercury                      | 0.074   |              | UGG          |
| UST-01     | GXUT0100            | CGW           | WELL         | 07/10/95       | ATRB |              |               |                 | 0.0   | 4181   | Total Petroleum Hydrocarbons | 397.000 |              | UGL          |
| UST-02     | GXUT0200            | CGW           | WELL         | 07/10/95       | ATRB |              |               |                 | 0.0   | 4181   | Total Petroleum Hydrocarbons | 110.000 |              | UGL          |

**Appendix B: Field Sampling Forms - Supplemental Sampling Event**



| <b>Arthur D Little</b>   | <b>Monitoring Well Sampling Data Sheet</b> |                             |                | Well No. <u>UST-01</u>  |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|--|--|-----------------------------|----------------|---|-------------|-----------|-----------------|-------------|----------------|--------------|-----------|-------------|-------------|-----------|-----------|--------|--------------------------------|-------------|------|-----|-----|-----|------|-----|----|------|-----|------------|------|---|-----|-----|-----|-----|----|------------|-----|------------|------|---|-----|-----|-----|-----|----|----|------|------------|------|---|-----|-----|-----|-----|----|------|------------|------|----|-----|-----|-----|-----|----|------|------------|------|----|-----|-----|-----|-----|----|----|------|------------|------|----|-----|-----|-----|-----|----|-------|------------|------|----|-----|-----|-----|-----|----|-------|------------|---------------|----|-----|-----|-------------------------|--|--|--|----|-------|------------|------|--|--|--|--|--|--|-----------|--|--|
|  |  |                             |                | Client  |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                | Project   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                | Case No.  |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| Date Sampled: <u>7/11/95</u>   |  | Sampled By: <u>C. Mayer</u> |                | <div style="border: 1px solid black; padding: 5px;"> LOCATION MAP<br/> </div> |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| Depth to Water: <u>17.69</u>   |  | Total Depth: <u>26.33</u>   |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| O <sub>2</sub> <u>✓</u>  | LEL <u>✓</u>                               | PID <u>0 ppm</u>            |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| Measuring Point: <u>Notch on PVC</u>   |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| Equipment: <u>Bailer</u>   |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| <b>WELL VOLUME</b> (* use appropriate values in table for each code letter)<br><div style="display: flex; justify-content: space-between;"> <div> V well<br/> <u>0.17</u> </div> <div> Depth Screen Bottom<br/> <u>26.33</u> </div> <div> Depth Water<br/> <u>17.69</u> </div> <div> Gallons of Water (well)<br/> <u>1.47</u> </div> </div> $\left[ \left( \frac{0.17}{1} \right) \times \left( \frac{26.33 - 17.69}{1} \right) \right] = 1.47$  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| <b>ANNULAR VOLUME (ASSUME 30% POROSITY)</b><br><div style="display: flex; justify-content: space-between;"> <div> V annulus<br/> <u>6.79</u> </div> <div> Depth Screen Bottom<br/> <u>26.33</u> </div> <div> Depth Bottom of Seal<br/> <u>17.69</u> </div> <div> Gallons of Water (annulus)<br/> <u>6.83</u> </div> </div> $\left[ \left( \frac{6.79}{1} \right) \times \left( \frac{26.33 - 17.69}{1} \right) \right] = 6.83$   |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| <b>WATER TO BE REMOVED</b><br><div style="display: flex; justify-content: space-between;"> <div> Gallons of Water (well)<br/> <u>1.47</u> </div> <div> Gallons of Water (annulus)<br/> <u>6.83</u> </div> <div> Removal Multiplier<br/> <u>5</u> </div> <div> Total Gallons to be Removed<br/> <u>41.48</u> </div> <div> Actual Gallons Removed<br/> <u>46</u> </div> </div> $\left[ \left( \frac{1.47}{1} + \frac{6.83}{1} \right) \right] \times 5 = 41.48$  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| <b>WELL PURGING MEASUREMENTS</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Time</th> <th rowspan="2">Gallons Removed</th> <th rowspan="2">pH</th> <th rowspan="2">Conductivity</th> <th rowspan="2">Turbidity</th> <th rowspan="2">DO</th> <th rowspan="2">Temperature</th> <th>Well</th> <th colspan="2">Annulus *</th> </tr> <tr> <th>V well</th> <th>dia</th> <th>V annulus</th> </tr> </thead> <tbody> <tr> <td>1006</td> <td>1.5</td> <td>5.9</td> <td>1.0</td> <td>10 *</td> <td>1.4</td> <td>13</td> <td>1.5"</td> <td>4.0</td> <td>0.29gal/ft</td> </tr> <tr> <td>1016</td> <td>3</td> <td>6.0</td> <td>1.0</td> <td>110</td> <td>0.8</td> <td>13</td> <td>0.10gal/ft</td> <td>6.5</td> <td>0.46gal/ft</td> </tr> <tr> <td>1024</td> <td>5</td> <td>5.8</td> <td>1.0</td> <td>200</td> <td>0.1</td> <td>13</td> <td rowspan="3">2"</td> <td>7.25</td> <td>0.59gal/ft</td> </tr> <tr> <td>1029</td> <td>9</td> <td>6.1</td> <td>1.1</td> <td>190</td> <td>0.0</td> <td>13</td> <td>7.75</td> <td>0.69gal/ft</td> </tr> <tr> <td>1037</td> <td>14</td> <td>6.0</td> <td>1.1</td> <td>200</td> <td>1.5</td> <td>13</td> <td>8.25</td> <td>0.79gal/ft</td> </tr> <tr> <td>1050</td> <td>24</td> <td>6.5</td> <td>1.2</td> <td>300</td> <td>4.6</td> <td>13</td> <td rowspan="3">4"</td> <td>8.25</td> <td>0.64gal/ft</td> </tr> <tr> <td>1255</td> <td>30</td> <td>6.8</td> <td>1.1</td> <td>690</td> <td>4.3</td> <td>13</td> <td>10.25</td> <td>1.06gal/ft</td> </tr> <tr> <td>1402</td> <td>44</td> <td>6.8</td> <td>1.1</td> <td>620</td> <td>4.3</td> <td>14</td> <td>12.25</td> <td>1.63gal/ft</td> </tr> <tr> <td>Post Sampling</td> <td>46</td> <td>6.6</td> <td>1.1</td> <td colspan="4">battery died on Horiba.</td> <td>6"</td> <td>12.25</td> <td>1.41gal/ft</td> </tr> <tr> <td>1444</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.5gal/ft</td> <td></td> <td></td> </tr> </tbody> </table> |  |                             |                |   |             | Time      | Gallons Removed | pH          | Conductivity   | Turbidity    | DO        | Temperature | Well        | Annulus * |           | V well | dia                            | V annulus   | 1006 | 1.5 | 5.9 | 1.0 | 10 * | 1.4 | 13 | 1.5" | 4.0 | 0.29gal/ft | 1016 | 3 | 6.0 | 1.0 | 110 | 0.8 | 13 | 0.10gal/ft | 6.5 | 0.46gal/ft | 1024 | 5 | 5.8 | 1.0 | 200 | 0.1 | 13 | 2" | 7.25 | 0.59gal/ft | 1029 | 9 | 6.1 | 1.1 | 190 | 0.0 | 13 | 7.75 | 0.69gal/ft | 1037 | 14 | 6.0 | 1.1 | 200 | 1.5 | 13 | 8.25 | 0.79gal/ft | 1050 | 24 | 6.5 | 1.2 | 300 | 4.6 | 13 | 4" | 8.25 | 0.64gal/ft | 1255 | 30 | 6.8 | 1.1 | 690 | 4.3 | 13 | 10.25 | 1.06gal/ft | 1402 | 44 | 6.8 | 1.1 | 620 | 4.3 | 14 | 12.25 | 1.63gal/ft | Post Sampling | 46 | 6.6 | 1.1 | battery died on Horiba. |  |  |  | 6" | 12.25 | 1.41gal/ft | 1444 |  |  |  |  |  |  | 1.5gal/ft |  |  |
| Time   | Gallons Removed                            | pH                          | Conductivity   | Turbidity   | DO          |           |                 |             |                |              |           |             | Temperature | Well      | Annulus * |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                |   |             | V well    | dia             | V annulus   |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1006   | 1.5  | 5.9                         | 1.0            | 10 *  | 1.4         | 13        | 1.5"            | 4.0         | 0.29gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1016   | 3  | 6.0                         | 1.0            | 110   | 0.8         | 13        | 0.10gal/ft      | 6.5         | 0.46gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1024   | 5  | 5.8                         | 1.0            | 200   | 0.1         | 13        | 2"              | 7.25        | 0.59gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1029   | 9  | 6.1                         | 1.1            | 190   | 0.0         | 13        |                 | 7.75        | 0.69gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1037   | 14   | 6.0                         | 1.1            | 200   | 1.5         | 13        |                 | 8.25        | 0.79gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1050   | 24   | 6.5                         | 1.2            | 300   | 4.6         | 13        | 4"              | 8.25        | 0.64gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1255   | 30   | 6.8                         | 1.1            | 690   | 4.3         | 13        |                 | 10.25       | 1.06gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1402   | 44   | 6.8                         | 1.1            | 620   | 4.3         | 14        |                 | 12.25       | 1.63gal/ft     |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| Post Sampling  | 46   | 6.6                         | 1.1            | battery died on Horiba.   |             |           |                 | 6"          | 12.25          | 1.41gal/ft   |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| 1444   |  |                             |                |   |             |           | 1.5gal/ft       |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| <b>SAMPLING</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Analysis</th> <th>Volume (ml)</th> <th>Filtered (Y/N)</th> <th>Preservation</th> <th>Container</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>GXU10100</td> <td>TPH</td> <td>1L</td> <td>N</td> <td>H<sub>2</sub>SO<sub>4</sub></td> <td>amber glass</td> <td>1440</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>  |  |                             |                |   |             | Sample ID | Analysis        | Volume (ml) | Filtered (Y/N) | Preservation | Container | Time        | GXU10100    | TPH       | 1L        | N      | H <sub>2</sub> SO <sub>4</sub> | amber glass | 1440 |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| Sample ID  | Analysis                                   | Volume (ml)                 | Filtered (Y/N) | Preservation  | Container   | Time      |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| GXU10100   | TPH  | 1L                          | N              | H <sub>2</sub> SO <sub>4</sub>  | amber glass | 1440      |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
|  |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |
| <b>Notes</b> (include data on floaters/sinkers with measuring device, well condition, etc.)<br>* Turbidity readings had 0 instead of 0. But Horiba calibrated OK.<br>water had dead bugs in it.<br>lunch break 1135 - 1240. Well dry at 40G removed.<br>* Assumes 30% porosity   |  |                             |                |   |             |           |                 |             |                |              |           |             |             |           |           |        |                                |             |      |     |     |     |      |     |    |      |     |            |      |   |     |     |     |     |    |            |     |            |      |   |     |     |     |     |    |    |      |            |      |   |     |     |     |     |    |      |            |      |    |     |     |     |     |    |      |            |      |    |     |     |     |     |    |    |      |            |      |    |     |     |     |     |    |       |            |      |    |     |     |     |     |    |       |            |               |    |     |     |                         |  |  |  |    |       |            |      |  |  |  |  |  |  |           |  |  |

Signature Carolyn Mayer Date 7-11-95 No. of Bottles 1

|   |                  |  |                |   |                    |             |
|---|------------------|--|----------------|---|--------------------|-------------|
| <b>Arthur D Little</b>  |                  | <b>Monitoring Well Sampling<br/>Data Sheet</b> |                | Well No. <u>UST-02</u>  |                    |             |
|   |                  |  |                | Client <u>USAEC</u>   |                    |             |
|   |                  |  |                | Project <u>Ft. Devens</u>   |                    |             |
|   |                  |  |                | Case No. <u>67065-</u>  |                    |             |
| Date Sampled: <u>7/11/95</u>  |                  | Sampled By: <u>D. Vesper, C. Mayer</u>         |                | <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>WOODS</p> <p>Lake George St</p> </div> <div style="width: 50%;"> <p>LOCATION</p> <p>US-02</p> <p>2602</p> <p>62-03</p> <p>455-01</p> <p>parking</p> </div> </div> |                    |             |
| Depth to Water: <u>19.89'</u>   |                  | Total Depth: <u>29.32'</u>                     |                |   |                    |             |
| O <sub>2</sub> <u>  /  </u>   | LEL <u>  /  </u> | PID <u>0 ppm</u>                               |                |   |                    |             |
| Measuring Point: <u>Notch on PVC</u>  |                  |  |                |   |                    |             |
| Equipment: <u>Grundfos w/ generator, then bailer</u>  |                  |  |                |   |                    |             |
| WELL VOLUME (* use appropriate values in table for each code letter)  |                  |  |                |   |                    |             |
| V well  |                  | Depth Screen Bottom                            |                | Gallons of Water (well)   |                    |             |
| <u>0.17</u>   |                  | <u>29.32</u> - <u>19.89'</u>                   |                | = <u>1.60</u>   |                    |             |
| ANNULAR VOLUME (ASSUME 30% POROSITY)  |                  |  |                |   |                    |             |
| V annulus   |                  | Depth Screen Bottom                            |                | Gallons of Water (annulus)  |                    |             |
| <u>0.79</u>   |                  | <u>29.32</u> - <u>19.89'</u>                   |                | = <u>7.45</u>   |                    |             |
| WATER TO BE REMOVED   |                  |  |                |   |                    |             |
| Gallons of Water (well)   |                  | Gallons of Water (annulus)                     |                | Removal Multiplier  |                    |             |
| <u>1.60</u>   |                  | <u>7.45</u>                                    |                | <u>5</u>  |                    |             |
| Total Gallons to be Removed   |                  |  |                | Actual Gallons Removed  |                    |             |
| <u>45.25</u>  |                  |  |                | <u>15.25</u>  |                    |             |
| WELL PURGING MEASUREMENTS   |                  |  |                |   |                    |             |
| Time  | Gallons Removed  | pH   | Conductivity   | Turbidity   | DO                 | Temperature |
| <u>1320</u>   | <u>0.5</u>       | <u>7.5</u>                                     | <u>0.52</u>    | <u>990*</u>   | <u>1.7</u>         | <u>14</u>   |
| <u>1333</u>   | <u>7</u>         | <u>7.3</u>                                     | <u>0.37</u>    | <u>990</u>  | <u>1.9</u>         | <u>14</u>   |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
| Post Sampling   |                  |  |                |   |                    |             |
| <u>NA - Honda battery died</u>  |                  |  |                |   |                    |             |
| SAMPLING  |                  |  |                |   |                    |             |
| Sample ID   | Analysis         | Volume (ml)                                    | Filtered (Y/N) | Preservation  | Container          | Time        |
| <u>6XUT0200T</u>  | <u>TPH</u>       | <u>1L</u>                                      | <u>N</u>       | <u>H2SO4</u>  | <u>amber glass</u> | <u>1440</u> |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
|   |                  |  |                |   |                    |             |
| Notes (include data on floaters/sinkers with measuring device, well condition, etc.)  |                  |  |                |   |                    |             |
| <p>Generator was not working, so bailed.</p> <p>* Turbidity readings had a 0 instead of ∅, not sure why, it calibrated fine.</p> <p>At 1333, well went dry. At 1350 returned, bailed total of 15G, well dry. Waited for recharge and sampled.</p> |                  |  |                |   |                    |             |
| Signature <u>Carolyn Mayer</u>  |                  | Date <u>7/11/95</u>                            |                | No. of Bottles <u>1</u>   |                    |             |

|  |  |  |                |   |                        |             |
|--|--|--|----------------|---|------------------------|-------------|
| <b>Arthur D Little</b>   | <b>Monitoring Well Sampling<br/>Data Sheet</b> |  |                |   | Well No. <u>GE-01</u>  |             |
|  |  |  |                |   | Client <u>USAEC</u>    |             |
|  |  |  |                |   | Project                |             |
|  |  |  |                |   | Case No. <u>67065-</u> |             |
| Date Sampled: <u>7/11/95</u>   |  | Sampled By: <u>D. Vesper, C. Mayer</u> |                | <div style="text-align: center;">LOCATION</div> |                        |             |
| Depth to Water: <u>20.17</u>   |  | Total Depth: <u>21.89'</u>             |                |   |                        |             |
| O <sub>2</sub> <u>✓</u>  | LEL <u>✓</u>                                   | PID <u>0 ppm</u>                       |                |   |                        |             |
| Measuring Point: <u>Notch on PVC</u>   |  |  |                |   |                        |             |
| Equipment: <u>baiker</u>   |  |  |                |   |                        |             |
| <b>WELL VOLUME</b> (* use appropriate values in table for each code letter)  |  |  |                |   |                        |             |
| V well   |  | Depth Screen Bottom                    |                | Gallons of Water (well)                         |                        |             |
| <u>0.17</u>  |  | <u>21.89'</u> - <u>20.17</u>           |                | = <u>0.29</u>                                   |                        |             |
| <b>ANNULAR VOLUME (ASSUME 30% POROSITY)</b>  |  |  |                |   |                        |             |
| V annulus  |  | Depth Screen Bottom                    |                | Gallons of Water (annulus)                      |                        |             |
| <u>0.79</u>  |  | <u>21.89'</u> - <u>20.17</u>           |                | = <u>1.36</u>                                   |                        |             |
| <b>WATER TO BE REMOVED</b>   |  |  |                |   |                        |             |
| Gallons of Water (well)  |  | Gallons of Water (annulus)             |                | Removal Multiplier                              |                        |             |
| <u>0.29</u>  |  | <u>1.36</u>                            |                | <u>5</u>  |                        |             |
| Total Gallons to be Removed  |  |  |                | Actual Gallons Removed                          |                        |             |
| <u>8.24</u>  |  |  |                | <u>2.70</u>                                     |                        |             |
| <b>WELL PURGING MEASUREMENTS</b>   |  |  |                |   |                        |             |
| Time   | Gallons Removed                                | pH                                     | Conductivity   | Turbidity                                       | DO                     | Temperature |
| <u>0933</u>  | <u>0.5</u>                                     | <u>6.34</u>                            | <u>0.33</u>    | <u>744</u>                                      | <u>12.26</u>           | <u>12.7</u> |
| <u>0942</u>  | <u>2</u>                                       | <u>6.30</u>                            | <u>0.32</u>    | <u>540</u>                                      | <u>5.8</u>             | <u>12.0</u> |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
| Post Sampling<br><u>NA - Battery on triba died.</u>  |  |  |                |   |                        |             |
| <b>SAMPLING</b>  |  |  |                |   |                        |             |
| Sample ID  | Analysis                                       | Volume (ml)                            | Filtered (Y/N) | Preservation                                    | Container              | Time        |
| <u>GXGE0300</u>  | <u>TPH</u>                                     | <u>1L</u>                              | <u>N</u>       | <u>1% SO4</u>                                   | <u>amber glass</u>     | <u>1530</u> |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
|  |  |  |                |   |                        |             |
| Notes (include data on floaters/sinkers with measuring device, well condition, etc.)<br><u>No inside PVC cap. Initially water cloudy, chunks at bottom. well dry at 2G.</u><br><u>At 1310, boiled 1/2 G, went dry again.</u> |  |  |                |   |                        |             |
| * Assumes 30% porosity   |  |  |                |   |                        |             |
| Signature <u>Carolyn Mayer</u>   |  | Date <u>7/11/95</u>                    |                | No. of Bottles <u>1</u>                         |                        |             |

|                                      |  |                             |                        |
|--------------------------------------|--|-----------------------------|------------------------|
| <b>Arthur D Little</b>               | <b>Monitoring Well Sampling Data Sheet</b> |                             | Well No. <u>GE-02</u>  |
|                                      |  |                             | Client <u>USAEC</u>    |
|                                      |  |                             | Project                |
|                                      |  |                             | Case No. <u>67065-</u> |
| Date Sampled: <u>7/11/95</u>         |  | Sampled By: <u>C. Mayer</u> |                        |
| Depth to Water: <u>13.89</u>         |  | Total Depth: <u>21.85</u>   |                        |
| O <sub>2</sub> <u>  /  </u>          | LEL <u>  /  </u>                           | PID <u>0 ppm</u>            |                        |
| Measuring Point: <u>Notch on PVC</u> |  |                             |                        |
| Equipment: <u>bailer</u>             |  |                             |                        |

LOCATION 2602  
 Forest  
 Lake George St.  
 dirt/grass  
 parking

**WELL VOLUME** (\* use appropriate values in table for each code letter)

|             |                     |              |                         |
|-------------|---------------------|--------------|-------------------------|
| V well      | Depth Screen Bottom | Depth Water  | Gallons of Water (well) |
| <u>0.17</u> | <u>21.85</u>        | <u>13.89</u> | <u>1.35</u>             |

$$\boxed{0.17} \times [ (\boxed{21.85} - \boxed{13.89}) ] = \boxed{1.35}$$

**ANNULAR VOLUME (ASSUME 30% POROSITY)**

|             |                     |                      |                            |
|-------------|---------------------|----------------------|----------------------------|
| V annulus   | Depth Screen Bottom | Depth Bottom of Seal | Gallons of Water (annulus) |
| <u>0.79</u> | <u>21.85</u>        | <u>13.89</u>         | <u>6.29</u>                |

$$\boxed{0.79} \times [ (\boxed{21.85} - \boxed{13.89}) ] = \boxed{6.29}$$

**WATER TO BE REMOVED**

|                         |                            |                    |                             |                        |
|-------------------------|----------------------------|--------------------|-----------------------------|------------------------|
| Gallons of Water (well) | Gallons of Water (annulus) | Removal Multiplier | Total Gallons to be Removed | Actual Gallons Removed |
| <u>1.35</u>             | <u>6.29</u>                | <u>5</u>           | <u>38.19</u>                | <u>  </u>              |

$$[ (\boxed{1.35} + \boxed{6.29}) ] \times \boxed{5} = \boxed{38.19}$$

**WELL PURGING MEASUREMENTS**

| Time        | Gallons Removed | pH         | Conductivity | Turbidity    | DO         | Temperature | Well       | Annulus * |            |
|-------------|-----------------|------------|--------------|--------------|------------|-------------|------------|-----------|------------|
|             |                 |            |              |              |            |             | V well     | dia       | V annulus  |
| <u>0940</u> | <u>2</u>        | <u>6.4</u> | <u>.32</u>   | <u>140 *</u> | <u>1.4</u> | <u>12</u>   | 1.5"       |           |            |
| <u>0948</u> | <u>3.5</u>      | <u>6.3</u> | <u>.33</u>   | <u>500</u>   | <u>0.8</u> | <u>12</u>   | 0.10gal/ft | 4.0       | 0.29gal/ft |
|             |                 |            |              |              |            |             |            | 6.5       | 0.46gal/ft |
|             |                 |            |              |              |            |             | 2"         | 7.25      | 0.59gal/ft |
|             |                 |            |              |              |            |             | 0.17gal/ft | 7.75      | 0.69gal/ft |
|             |                 |            |              |              |            |             |            | 8.25      | 0.79gal/ft |
|             |                 |            |              |              |            |             |            | 8.25      | 0.64gal/ft |
|             |                 |            |              |              |            |             | 4"         | 10.25     | 1.06gal/ft |
|             |                 |            |              |              |            |             | 0.66gal/ft | 12.25     | 1.63gal/ft |
|             |                 |            |              |              |            |             |            | 12.25     | 1.41gal/ft |
|             |                 |            |              |              |            |             | 6"         | 12.25     | 1.41gal/ft |
|             |                 |            |              |              |            |             | 1.5gal/ft  |           |            |

Post Sampling NA

**SAMPLING**

| Sample ID       | Analysis   | Volume (ml) | Filtered (Y/N) | Preservation                       | Container          | Time        |
|-----------------|------------|-------------|----------------|------------------------------------|--------------------|-------------|
| <u>GXGE0200</u> | <u>TPH</u> | <u>1L</u>   | <u>N</u>       | <u>H<sub>2</sub>SO<sub>4</sub></u> | <u>amber glass</u> | <u>1530</u> |
|                 |            |             |                |                                    |                    |             |
|                 |            |             |                |                                    |                    |             |
|                 |            |             |                |                                    |                    |             |
|                 |            |             |                |                                    |                    |             |
|                 |            |             |                |                                    |                    |             |

Notes (include data on floaters/sinkers with measuring device, well condition, etc.)  
 \* Turbidity reading was 140, don't know why it was reading an 0 as opposed to 0. Calibrated correctly prior to use.  
 Well went dry at 0948, water color dark brown. No odor or sheen. recharge. At 1345 purged  
 \* Assumes 30% porosity total of 6.5 G, went dry again. Sampled after next recharge.

Signature C. Mayer Date 7/11/95 No. of Bottles 1

| <b>Arthur D Little</b>   |                   | <b>Monitoring Well Sampling Data Sheet</b> |                |                                    |                      | Well No. <u>GE-03</u>  |                   |              |                   |
|--|-------------------|--|----------------|------------------------------------|----------------------|--|-------------------|--------------|-------------------|
|  |                   |  |                |                                    |                      | Client <u>USAEC</u>  |                   |              |                   |
|  |                   |  |                |                                    |                      | Project <u>FT. DEVENS</u>  |                   |              |                   |
|  |                   |  |                |                                    |                      | Case No. <u>67065-</u>   |                   |              |                   |
| Date Sampled: <u>7-11-95</u>   |                   | Sampled By: <u>D. Vesper, C. Mayer</u>     |                |                                    |                      | <div style="border: 1px solid black; padding: 5px;"> LOCATION # <u>2602</u><br/> <u>GE-03</u> <u>USF-02</u> <u>OST-01</u><br/> <u>Forest</u> <u>66-01</u> <u>66-02</u> <u>66-03</u><br/> <u>Lake George St</u> <u>dirt/grass</u> <u>parking</u> </div> |                   |              |                   |
| Depth to Water: <u>14.19'</u>  |                   | Total Depth: <u>26.90'</u>                 |                |                                    |                      |  |                   |              |                   |
| O <sub>2</sub> <u>✓</u>  | LEL <u>✓</u>      | PID <u>0 ppm</u>                           |                |                                    |                      |  |                   |              |                   |
| Measuring Point: <u>Notch on PVC</u>   |                   |  |                |                                    |                      |  |                   |              |                   |
| Equipment: <u>bailer</u>   |                   |  |                |                                    |                      |  |                   |              |                   |
| <b>WELL VOLUME</b> (* use appropriate values in table for each code letter)  |                   |  |                |                                    |                      |  |                   |              |                   |
| V well   |                   | Depth Screen Bottom                        |                | Depth Water                        |                      | Gallons of Water (well)  |                   |              |                   |
| <u>0.7</u>   |                   | <u>26.90</u>                               |                | <u>14.19</u>                       |                      | [ ( <u>26.90</u> - <u>14.19</u> ) ] = <u>12.88</u>   |                   |              |                   |
| <b>ANNULAR VOLUME (ASSUME 30% POROSITY)</b>  |                   |  |                |                                    |                      |  |                   |              |                   |
| V annulus  |                   | Depth Screen Bottom                        |                | Depth Bottom of Seal               |                      | Gallons of Water (annulus)   |                   |              |                   |
| <u>0.79</u>  |                   | <u>26.90</u>                               |                | <u>15.5</u>                        |                      | [ ( <u>26.90</u> - <u>15.5</u> ) ] = <u>9.01</u>   |                   |              |                   |
| <b>WATER TO BE REMOVED</b>   |                   |  |                |                                    |                      |  |                   |              |                   |
| Gallons of Water (well)  |                   | Gallons of Water (annulus)                 |                | Removal Multiplier                 |                      | Total Gallons to be Removed  |                   |              |                   |
| [ ( <u>12.88</u> + <u>9.01</u> ) ]   |                   |  |                | <u>5</u>                           |                      | = <u>109.43</u>  |                   |              |                   |
|  |                   |  |                |                                    |                      | Actual Gallons Removed <u>33</u>   |                   |              |                   |
| <b>WELL PURGING MEASUREMENTS</b>   |                   |  |                |                                    |                      |  |                   |              |                   |
| Time   | Gallons Removed   | pH   | Conductivity   | Turbidity                          | DO                   | Temperature  | Well              | Annulus *    |                   |
|  |                   |  |                |                                    |                      |  | V well            | dia          | V annulus         |
| <u>0958</u>  | <u>0.5</u>        | <u>7.2</u>                                 | <u>0.31</u>    | <u>300*</u>                        | <u>0.2</u>           | <u>12</u>  | <u>1.5"</u>       |              |                   |
| <u>1004</u>  | <u>2</u>          | <u>6.6</u>                                 | <u>0.31</u>    | <u>570</u>                         | <u>0.6</u>           | <u>11</u>  | <u>0.10gal/ft</u> | <u>4.0</u>   | <u>0.29gal/ft</u> |
| <u>1011</u>  | <u>4</u>          | <u>6.9</u>                                 | <u>0.31</u>    | <u>850</u>                         | <u>1.0</u>           | <u>12</u>  | <u>2"</u>         | <u>6.5</u>   | <u>0.46gal/ft</u> |
| <u>1026</u>  | <u>8</u>          | <u>6.9</u>                                 | <u>0.31</u>    | <u>990</u>                         | <u>1.3</u>           | <u>11</u>  | <u>0.17gal/ft</u> | <u>7.25</u>  | <u>0.59gal/ft</u> |
| <u>1039</u>  | <u>12</u>         | <u>6.9</u>                                 | <u>0.38</u>    | <u>990</u>                         | <u>0.9</u>           | <u>11</u>  |                   | <u>7.75</u>  | <u>0.69gal/ft</u> |
| <u>1103</u>  | <u>20</u>         | <u>7.0</u>                                 | <u>0.40</u>    | <u>990</u>                         | <u>2.1</u>           | <u>11</u>  |                   | <u>8.25</u>  | <u>0.79gal/ft</u> |
| <u>1121</u>  | <u>25</u>         | <u>7.3</u>                                 | <u>0.31</u>    | <u>990</u>                         | <u>2.7</u>           | <u>12</u>  | <u>4"</u>         | <u>8.25</u>  | <u>0.64gal/ft</u> |
| <u>1236</u>  | <u>32</u>         | <u>7.8</u>                                 | <u>0.31</u>    | <u>640</u>                         | <u>3.1</u>           | <u>12</u>  | <u>0.66gal/ft</u> | <u>10.25</u> | <u>1.06gal/ft</u> |
|  |                   |  |                |                                    |                      |  |                   | <u>12.25</u> | <u>1.63gal/ft</u> |
|  |                   |  |                |                                    |                      |  | <u>6"</u>         | <u>12.25</u> | <u>1.41gal/ft</u> |
|  |                   |  |                |                                    |                      |  | <u>1.5gal/ft</u>  |              |                   |
| Post Sampling<br><u>Horiba battery died - NA</u>   |                   |  |                |                                    |                      |  |                   |              |                   |
| <b>SAMPLING</b>  |                   |  |                |                                    |                      |  |                   |              |                   |
| Sample ID  | Analysis          | Volume (ml)                                | Filtered (Y/N) | Preservation                       | Container            | Time   |                   |              |                   |
| <u>GXGE0300</u>  | <u>TPH</u>        | <u>1L</u>                                  | <u>N</u>       | <u>H<sub>2</sub>SO<sub>4</sub></u> | <u>amber glass</u>   | <u>1500</u>  |                   |              |                   |
| <u>GXGE0300</u>  | <u>Hardness</u>   | <u>500ml</u>                               | <u>N</u>       | <u>HNO<sub>3</sub></u>             | <u>clear plastic</u> | <u>1500</u>  |                   |              |                   |
| <u>GXGE0300</u>  | <u>TSS</u>        | <u>125ml</u>                               | <u>N</u>       | <u>Ice</u>                         | <u>clear plastic</u> | <u>1500</u>  |                   |              |                   |
| <u>GXGE0300</u>  | <u>Alk/Anions</u> | <u>125ml</u>                               | <u>N</u>       | <u>Ice</u>                         | <u>clear plastic</u> | <u>1500</u>  |                   |              |                   |
| <u>GXGE0300</u>  | <u>TPH/Dup</u>    | <u>1L</u>                                  | <u>N</u>       | <u>H<sub>2</sub>SO<sub>4</sub></u> | <u>amber glass</u>   | <u>1500</u>  |                   |              |                   |
| Notes (include data on floaters/sinkers with measuring device, well condition, etc.)<br><u>Cloudy, possible sheen in water. Well dry at 1121 (less than 1/2 bailer). Take lunch then resumed</u><br><u>bailing at 1230. well dry at 1236. Recharge, sample.</u><br><u>* Turbidity on Horiba shows 0 instead of 0. Don't know why. it calibrated fine.</u><br><u>* Assumes 30% porosity</u> |                   |  |                |                                    |                      |  |                   |              |                   |
| Signature <u>Carolyn Mayer</u>   |                   |  |                | Date <u>7/11/95</u>                |                      | No. of Bottles <u>5</u>  |                   |              |                   |



|          |            |
|----------|------------|
| Date     | 7-10-95    |
| Client   | USAEC      |
| Project  | Ft. Devens |
| Case No. | 67065      |

Sampling Location Description Storm Sewer System 9D  
Type Of Water Body Internal Storm Sewer  
Channel Width \_\_\_\_\_ Channel Depth \_\_\_\_\_ Est. Flow \_\_\_\_\_  
Discharge Points (Y/N) Location \_\_\_\_\_  
Odors, Surface Sheen \_\_\_\_\_

No water. Lot of organic matter, leaves, pine needles, sand and silt. Sample taken from 0-5" for sediments.

**SAMPLES PROCEDURE**  
Equipment Used (Calibrated Y/N) Pulnar Grab Sampler & SS Spoon + Bowl  
Solvent 1 Used Liquinox Solvent 2 Used \_\_\_\_\_ Other \_\_\_\_\_  
Decontamination Procedures Used \_\_\_\_\_

| TEMP | pH | COND | D.O. | FREE CL <sup>-</sup><br>Y/N | TURB | TIME |
|------|----|------|------|-----------------------------|------|------|
| NA   |    |      |      |                             |      |      |

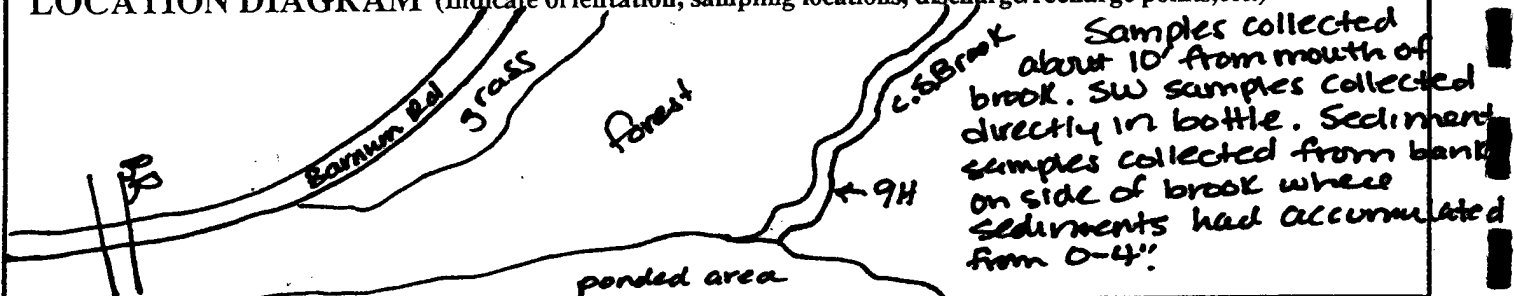
[illegible]

Signature Candace Mayer Date 7-10-95 No. Of Bottles 2

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95Client USAECProject FT. DEVENSCase No. 67065**LOCATION**Sampling Location Description Cold Spring Brook, 9HType Of Water Body ~10' from mouth of ponded area in CSBChannel Width ~3.5' Channel Depth < 1' Est. Flow medium to fast

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Stainless Steel spoon + bowlSolvent 1 Used Liquinox Solvent 2 Used \_\_\_\_\_ Other \_\_\_\_\_

Decontamination Procedures Used

DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water RinseDI Water Rinse  
Solvent 1 Rinse  
DI Water RinseDetergent Wash  
DI Water Rinse

Other

**GROUND WATER CHARACTERISTIC**TEMP NA pH \_\_\_\_\_ COND \_\_\_\_\_ D.O. \_\_\_\_\_ FREE CL<sup>-</sup> Y/N \_\_\_\_\_ TURB \_\_\_\_\_ TIME \_\_\_\_\_**SAMPLING**

| SAMPLE   | MATRIX | METHOD    | VOLUME (ml) | FILTERED (Y/N) | PRESERV.                       | TIME |
|----------|--------|-----------|-------------|----------------|--------------------------------|------|
| WX0908X1 | CSW    | Alk/Anion | 125ml       | N              | ICE                            | 1615 |
| WX0908X1 | CSW    | F. Met    | 1L          | Y              | HNO <sub>3</sub>               | 1615 |
| WX0908X1 | CSW    | Met/Hard  | 1L          | N              | HNO <sub>3</sub>               | 1615 |
| WX0908X1 | CSW    | Pest/PCB  | 2X 1L       | N              | ICE                            | 1615 |
| WX0908X1 | CSW    | SVOC      | 2X 1L       | N              | ICE                            | 1615 |
| WX0908X1 | CSW    | TOC       | 250ml       | N              | H <sub>2</sub> SO <sub>4</sub> | 1615 |
| WX0908X1 | CSW    | TPH       | 1L          | N              | H <sub>2</sub> SO <sub>4</sub> | 1615 |
| WX0908X1 | CSW    | TSS       | 125ml       | N              | ICE                            | 1615 |
| DX090800 | CSE    | Pest/PCB  | 402         | N              | ICE                            | 1625 |
| DX090800 | CSE    | SVOC      | 402         | N              | ICE                            | 1625 |
| DX090800 | CSE    | DC        | 402         | N              | ICE                            | 1625 |

**NOTES**

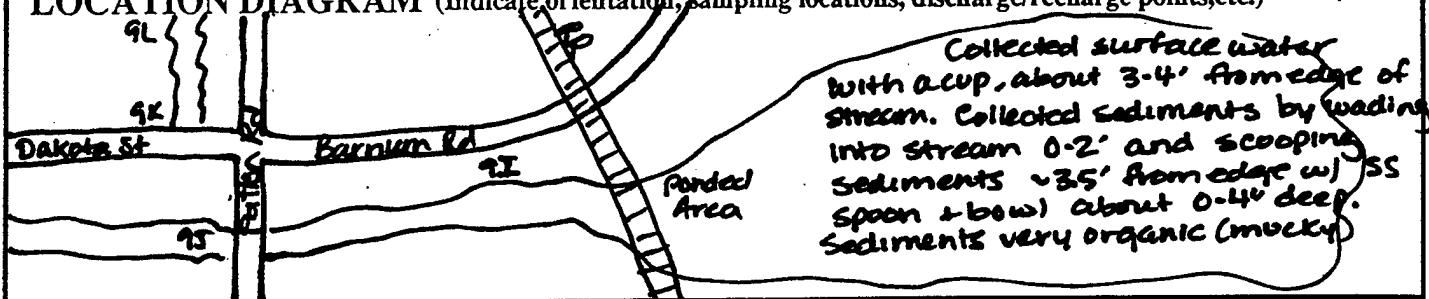
|          |     |        |     |   |     |      |
|----------|-----|--------|-----|---|-----|------|
| DX090800 | CSE | TPH    | 402 | N | ICE | 1625 |
| DX090800 | CSE | Metals | 402 | N | ICE | 1625 |

Signature Carolyn MayerDate 7-10-95 No. Of Bottles 15

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95Client USAECProject Ft. DevensCase No. 67065**LOCATION**Sampling Location Description Cold Spring Brook, 9IType Of Water Body Edge of BrookChannel Width 30' + Channel Depth 8-12" Est. Flow stagnant

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Stainless Steel Cup, Spoon, & bowlSolvent 1 Used Liquinox

Solvent 2 Used \_\_\_\_\_

Other \_\_\_\_\_

Decontamination Procedures Used

DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water RinseDI Water Rinse  
Solvent 1 Rinse  
DI Water RinseDetergent Wash  
DI Water Rinse

Other

**GROUND WATER CHARACTERISTIC**TEMP NA pH \_\_\_\_\_ COND \_\_\_\_\_ D.O. \_\_\_\_\_ FREE CL<sup>-</sup> Y/N \_\_\_\_\_ TURB \_\_\_\_\_ TIME \_\_\_\_\_**SAMPLING**

| SAMPLE   | MATRIX | METHOD    | VOLUME (ml) | FILTERED (Y/N) | PRESERV.                       | TIME |
|----------|--------|-----------|-------------|----------------|--------------------------------|------|
| WX0909X1 | CSW    | Alk/Anion | 125 ml      | N              | ice                            | 1445 |
| WX0909X1 | CSW    | F. Metals | 1L          | Y              | HNO <sub>3</sub>               | 1445 |
| WX0909X1 | CSW    | Met/Hard  | 1L          | N              | HNO <sub>3</sub>               | 1445 |
| WX0909X1 | CSW    | Pest/PCB  | 2 X 1L      | N              | ice                            | 1445 |
| WX0909X1 | CSW    | SVOC      | 2 X 1L      | N              | ice                            | 1445 |
| WX0909X1 | CSW    | TOC       | 250 ml      | N              | H <sub>2</sub> SO <sub>4</sub> | 1445 |
| WX0909X1 | CSW    | TPH       | 1L          | N              | H <sub>2</sub> SO <sub>4</sub> | 1445 |
| WX0909X1 | CSW    | TSS       | 125 ml      | N              | ice                            | 1445 |
| DX090900 | CSE    | Pest/PCB  | 4oz jar     | N              | ice                            | 1445 |
| DX090900 | CSE    | SVOC      | 4oz jar     | N              | ice                            | 1445 |
| DX090900 | CSE    | TOC       | 4oz jar     | N              | ice                            | 1445 |

**NOTES**DX090900  
DX090900CSE  
CSETPH  
Metals4oz jar  
4oz jarN  
Nice  
ice1445  
1445

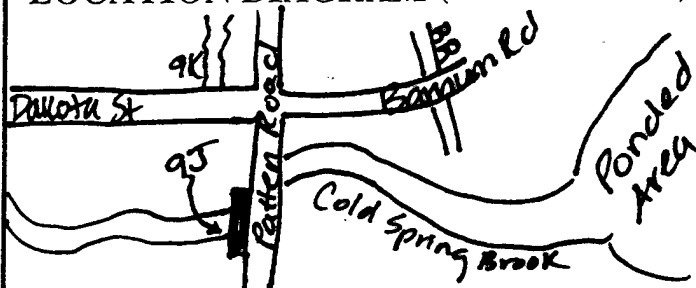
Signature

Carolyn MayerDate 7-10-95 No. Of Bottles 15

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95Client USAECProject Ft. DavensCase No. 67065**LOCATION**Sampling Location Description Cold Spring Brook, 9JType Of Water Body Storm Culvert into a brookChannel Width 5-7' Channel Depth ~3' Est. Flow low

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)

surface water taken directly into bottle. Sampler waded into brook to take sample w/waders on. Samples taken ~5' from culvert, in middle of water column ~about 1' down in flowing water. Sed. samples taken on southern bank of CSB, no water flow. Sediments collected on bank. Lot of OM, twigs, silt and very fine sand. Used SS spoon + bowl to collect sediment samples.

**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Stainless Steel Cup, Spoon, bowlSolvent 1 Used Liquinox

Solvent 2 Used \_\_\_\_\_

Other \_\_\_\_\_

Decontamination Procedures Used



DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water Rinse



DI Water Rinse  
Solvent 1 Rinse  
DI Water Rinse



Detergent Wash  
DI Water Rinse



Other

**GROUND WATER CHARACTERISTIC**FREE CL<sup>-</sup>

TEMP

pH

COND

D.O.

Y/N

TURB

TIME

NA**SAMPLING**

| SAMPLE   | MATRIX | METHOD                       | VOLUME (ml) | FILTERED (Y/N) | PRESERV.            | TIME |
|----------|--------|------------------------------|-------------|----------------|---------------------|------|
| WX0910X1 | CSW    | Alk/Anions                   | 125         | N              | ICE                 | 1335 |
| WX0910X1 | CSW    | F. Metals                    | 1000        | Y              | HNO <sub>3</sub>    | 1335 |
| WX0910X1 | CSW    | Metals/Hard                  | 1000        | N              | HNO <sub>3</sub>    | 1335 |
| WX0910X1 | CSW    | Rest/PCB                     | 2 x 1000    | N              | ICE                 | 1335 |
| WX0910X1 | CSW    | SVOC                         | 2 x 1000    | N              | ICE                 | 1335 |
| WX0910X1 | CSW    | TOC                          | 250         | N              | 1/2 SO <sub>4</sub> | 1335 |
| WX0910X1 | CSW    | TPH                          | 1000        | N              | 1/2 SO <sub>4</sub> | 1335 |
| WX0910X1 | CSW    | TSS                          | 125         | N              | ICE                 | 1335 |
| WX0910X1 | CSW    | All same parameters as above |             |                |                     | 1335 |
| WD0910X1 | CSW    | Metals, TPH, TOC, Hardness   |             |                | F. Metals           | 1335 |
| DX0910X1 | CSE    | SVOC                         | 402         | N              | ICE                 | 1350 |

**NOTES**

|          |     |         |     |   |     |      |
|----------|-----|---------|-----|---|-----|------|
| DX0910X1 | CSE | Metals  | 402 | N | ICE | 1350 |
| DX0910X1 | CSE | TPH/TOC | 402 | N | ICE | 1350 |

Signature Carolyn Mayer Date 7-10-95 No. Of Bottles 27

|  |   |  |                           |                       |
|--|---|--|---------------------------|-----------------------|
| <h1 style="margin:0;">Arthur D Little</h1> | <h2 style="margin:0;">Surface Water/Sediment Sampling Data Sheet</h2> |  | Date <u>7-10-95</u>       | Client <u>USNRC</u>   |
|  |   |  | Project <u>Ft. Devens</u> | Case No. <u>67065</u> |
|  |   |  |                           |                       |
|  |   |  |                           |                       |

### LOCATION

Sampling Location Discription Cold Spring Brook 9K

Type Of Water Body Storm Sewer System outfall in Cold Spring Brook

Channel Width ~4-5' Channel Depth ~3' Est. Flow slow

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen sheen

### LOCATION DIAGRAM

(Indicate orientation, sampling locations, discharge/recharge points, etc.)

Sheen apparent in water. Water collected in top of water column (in order to sample sheen). Sediments sampled at 0-6".

### SAMPLING PROCEDURE

Equipment Used (Calibrated Y/N) Stainless Steel cup, SS spoon and bowl

Solvent 1 Used Liquinox Solvent 2 Used \_\_\_\_\_ Other \_\_\_\_\_

Decontamination Procedures Used

☐ DI Water Rinse  
☐ Solvent 1 Rinse  
☐ Solvent 2 Rinse  
☐ Solvent 1 Rinse  
☐ DI Water Rinse

☒ DI Water Rinse  
☐ Solvent 1 Rinse  
☐ DI Water Rinse

☐ Detergent Wash  
☐ DI Water Rinse

☐ Other

### GROUND WATER CHARACTERISTIC

| TEMP      | pH | COND | D.O. | FREE CL <sup>-</sup><br>Y/N | TURB | TIME |
|-----------|----|------|------|-----------------------------|------|------|
| <u>NA</u> |    |      |      |                             |      |      |

### SAMPLING

| SAMPLE          | MATRIX     | METHOD             | VOLUME<br>(ml) | FILTERED<br>(Y/N) | PRESERV.     | TIME        |
|-----------------|------------|--------------------|----------------|-------------------|--------------|-------------|
| <u>WX0911X1</u> | <u>CSW</u> | <u>Alk/Anions</u>  | <u>125</u>     | <u>N</u>          | <u>ICE</u>   | <u>1125</u> |
| <u>WX0911X1</u> | <u>CSW</u> | <u>Metals/Hard</u> | <u>1000</u>    | <u>N</u>          | <u>HNO3</u>  | <u>1125</u> |
| <u>WX0911X1</u> | <u>CSW</u> | <u>F. Metals</u>   | <u>1000</u>    | <u>Y</u>          | <u>HNO3</u>  | <u>1125</u> |
| <u>WX0911X1</u> | <u>BSW</u> | <u>Pest/PCB</u>    | <u>2X1000</u>  | <u>N</u>          | <u>ICE</u>   | <u>1125</u> |
| <u>WX0911X1</u> | <u>CSW</u> | <u>SVOC</u>        | <u>2X1000</u>  | <u>N</u>          | <u>ICE</u>   | <u>1125</u> |
| <u>WX0911X1</u> | <u>CSW</u> | <u>TOC</u>         | <u>250</u>     | <u>N</u>          | <u>H2SO4</u> | <u>1125</u> |
| <u>WX0911X1</u> | <u>CSW</u> | <u>TPH</u>         | <u>1000</u>    | <u>N</u>          | <u>H2SO4</u> | <u>1125</u> |
| <u>WX0911X1</u> | <u>CSW</u> | <u>TSS</u>         | <u>125</u>     | <u>N</u>          | <u>ICE</u>   | <u>1125</u> |
| <u>WD0911X1</u> | <u>CSW</u> | <u>Pest/PCB</u>    | <u>2X1000</u>  | <u>N</u>          | <u>ICE</u>   | <u>1125</u> |
| <u>WM0911X1</u> | <u>CSW</u> | <u>Pest/PCB</u>    | <u>2X1000</u>  | <u>N</u>          | <u>ICE</u>   | <u>1125</u> |
| <u>WZ0911X1</u> | <u>CSW</u> | <u>Pest/PCB</u>    | <u>2X1000</u>  | <u>N</u>          | <u>ICE</u>   | <u>1125</u> |

### NOTES

|                 |            |                 |            |          |            |             |
|-----------------|------------|-----------------|------------|----------|------------|-------------|
| <u>DX091100</u> | <u>CSE</u> | <u>SVOC</u>     | <u>402</u> | <u>N</u> | <u>ICE</u> | <u>1135</u> |
| <u>DX091100</u> | <u>CSE</u> | <u>Pest/PCB</u> | <u>402</u> | <u>N</u> | <u>ICE</u> | <u>1135</u> |
| <u>DX091100</u> | <u>CSE</u> | <u>Metals</u>   | <u>402</u> | <u>N</u> | <u>ICE</u> | <u>1135</u> |
| <u>DX091100</u> | <u>CSE</u> | <u>TPH/TOC</u>  | <u>402</u> | <u>N</u> | <u>ICE</u> | <u>1135</u> |

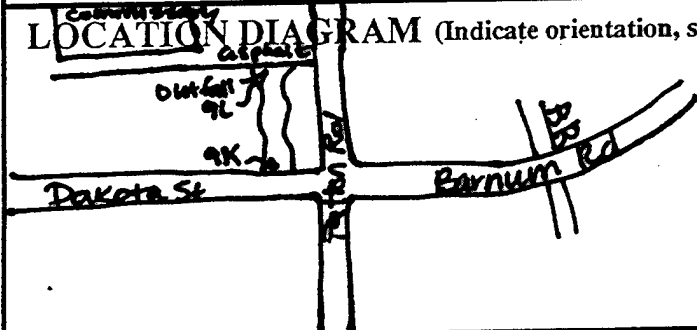
Signature \_\_\_\_\_

Date 7-10-95 No. Of Bottles 20

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95Client USAECProject Ft. DevensCase No. 67065**LOCATION**Sampling Location Description Cold Spring Brook, 9LType Of Water Body Outfall into streamChannel Width ~4-5' Channel Depth 0' no water Est. Flow NA

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)

Sampled sediment at 0-4"  
immediately outside outfall. Lot  
of slightly decomposed organic  
matter. Some plastic. Dark  
brown, moist. No water.

**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Stainless Steel bowl + spoonSolvent 1 Used Liquinex

Solvent 2 Used \_\_\_\_\_

Other \_\_\_\_\_

Decontamination Procedures Used



DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water Rinse



DI Water Rinse  
Solvent 1 Rinse  
DI Water Rinse



Detergent Wash  
DI Water Rinse



Other

**GROUND WATER CHARACTERISTIC**FREE CL<sup>-</sup>

TEMP

pH

COND

D.O.

Y/N

TURB

TIME

NA**SAMPLING**

| SAMPLE          | MATRIX     | METHOD          | VOLUME<br>(ml) | FILTERED<br>(Y/N) | PRESERV.   | TIME        |
|-----------------|------------|-----------------|----------------|-------------------|------------|-------------|
| <u>DX091200</u> | <u>CSE</u> | <u>Pest/PCB</u> | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DX091200</u> | <u>CSE</u> | <u>SVOC</u>     | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DX091200</u> | <u>CSE</u> | <u>TOC</u>      | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DX091200</u> | <u>CSE</u> | <u>TPH</u>      | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DX091200</u> | <u>CSE</u> | <u>Metals</u>   | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DR091200</u> | <u>CSE</u> | <u>TOC</u>      | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DR091200</u> | <u>CSE</u> | <u>TPH</u>      | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DD091200</u> | <u>CSE</u> | <u>TOC</u>      | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| <u>DD091200</u> | <u>CSE</u> | <u>TPH</u>      | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>1100</u> |
| _____           | _____      | _____           | _____          | _____             | _____      | _____       |
| _____           | _____      | _____           | _____          | _____             | _____      | _____       |

**NOTES**Signature Candyn MayerDate 7-10-95No. Of Bottles 9Page 1 of 1

**Arthur D Little**

# Surface Water/Sediment Sampling Data Sheet

Date 7-10-95

Client USAEC

Project Ft. Devens

Case No. 67065

## LOCATION

Sampling Location Description Storm Sewer System 14A

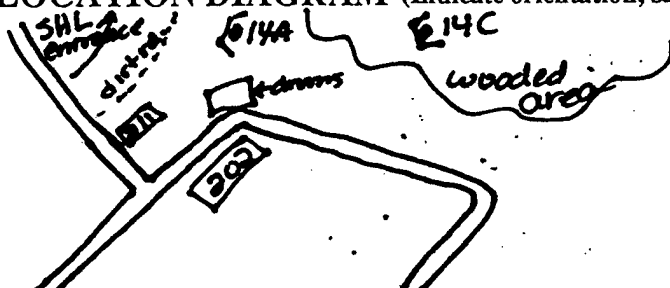
Type Of Water Body Storm Sewer Outfall

Channel Width \_\_\_\_\_ Channel Depth \_\_\_\_\_ Est. Flow \_\_\_\_\_

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

## LOCATION DIAGRAM (Indicate orientation, sampling locations, discharge/recharge points, etc.)



No water. Sediment moist, dark brown silty sand, fine-medium sand. Collected inside mouth of outfall about 5-6' deep to concrete.

## SAMPLING PROCEDURE

Equipment Used (Calibrated Y/N) Stainless Steel spoon and bowl

Solvent 1 Used Liquinox Solvent 2 Used \_\_\_\_\_ Other \_\_\_\_\_

Decontamination Procedures Used

- |  |  |   |                                |
|--|--|---|--------------------------------|
| <input type="checkbox"/> DI Water Rinse  | <input checked="" type="checkbox"/> DI Water Rinse | <input type="checkbox"/> Detergent Wash | <input type="checkbox"/> Other |
| <input type="checkbox"/> Solvent 1 Rinse | <input type="checkbox"/> Solvent 1 Rinse           | <input type="checkbox"/> DI Water Rinse |                                |
| <input type="checkbox"/> Solvent 2 Rinse | <input type="checkbox"/> DI Water Rinse            |   |                                |
| <input type="checkbox"/> Solvent 1 Rinse |  |   |                                |
| <input type="checkbox"/> DI Water Rinse  |  |   |                                |

## GROUND WATER CHARACTERISTIC

|           |    |      |      |                             |      |      |
|-----------|----|------|------|-----------------------------|------|------|
| TEMP      | pH | COND | D.O. | FREE CL <sup>-</sup><br>Y/N | TURB | TIME |
| <u>NA</u> |    |      |      |                             |      |      |

## SAMPLING

| SAMPLE          | MATRIX     | METHOD          | VOLUME<br>(ml) | FILTERED<br>(Y/N) | PRESERV.   | TIME        |
|-----------------|------------|-----------------|----------------|-------------------|------------|-------------|
| <u>DX140100</u> | <u>CSE</u> | <u>Pest/PCB</u> | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| <u>DX140100</u> | <u>CSE</u> | <u>Metals</u>   | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| <u>DD140100</u> | <u>CSE</u> | <u>Pest/PCB</u> | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| <u>DD140100</u> | <u>CSE</u> | <u>Metals</u>   | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| <u>DM140100</u> | <u>CSE</u> | <u>Pest/PCB</u> | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| <u>DM140100</u> | <u>CSE</u> | <u>Metals</u>   | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| <u>DZ140100</u> | <u>CSE</u> | <u>Pest/PCB</u> | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| <u>DZ140100</u> | <u>CSE</u> | <u>Metals</u>   | <u>4oz</u>     | <u>N</u>          | <u>ICE</u> | <u>0900</u> |
| _____           | _____      | _____           | _____          | _____             | _____      | _____       |
| _____           | _____      | _____           | _____          | _____             | _____      | _____       |
| _____           | _____      | _____           | _____          | _____             | _____      | _____       |

## NOTES

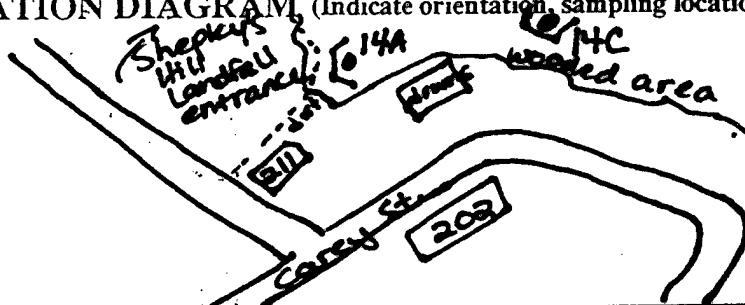
Signature Carolyn Mayer Date 7-10-95 No. Of Bottles 8

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95Client USAECProject Ft. DevensCase No. 67065**LOCATION**Sampling Location Description Storm Sewer System 70, 14CType Of Water Body Storm Sewer Outfall

Channel Width \_\_\_\_\_ Channel Depth \_\_\_\_\_ Est. Flow \_\_\_\_\_

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)

No water. Sediments:  
Course sand and gravel,  
light yellow/brown, trace of  
silt. 0-1" diameter  
Sample collected about 10' from  
storm outfall about 3-4"  
deep.

**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Stainless Steel Spoon and BowlSolvent 1 Used Liquinox Solvent 2 Used \_\_\_\_\_ Other \_\_\_\_\_

Decontamination Procedures Used



DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water Rinse



DI Water Rinse  
Solvent 1 Rinse  
DI Water Rinse



Detergent Wash  
DI Water Rinse



Other

**GROUND WATER CHARACTERISTIC**FREE CL<sup>-</sup>

TEMP

pH

COND

D.O.

Y/N

TURB

TIME

NA**SAMPLING**

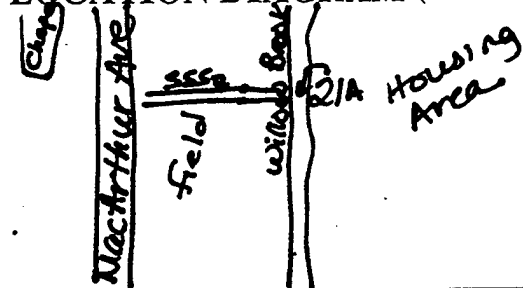
| SAMPLE          | MATRIX     | METHOD          | VOLUME<br>(ml) | FILTERED<br>(Y/N) | PRESERV.   | TIME        |
|-----------------|------------|-----------------|----------------|-------------------|------------|-------------|
| <u>DX140300</u> | <u>CSE</u> | <u>Pest/PCB</u> | <u>402</u>     | <u>N</u>          | <u>ice</u> | <u>0830</u> |
| <u>DX140300</u> | <u>CSE</u> | <u>Metals</u>   | <u>402</u>     | <u>N</u>          | <u>ice</u> | <u>0830</u> |
|                 |            |                 |                |                   |            |             |
|                 |            |                 |                |                   |            |             |
|                 |            |                 |                |                   |            |             |
|                 |            |                 |                |                   |            |             |
|                 |            |                 |                |                   |            |             |
|                 |            |                 |                |                   |            |             |
|                 |            |                 |                |                   |            |             |
|                 |            |                 |                |                   |            |             |

**NOTES**Signature Carolyn MayerDate 7-10-95 No. Of Bottles 2

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95Client USAECProject Ft. DarnsCase No. 67065**LOCATION**Sampling Location Description Storm Sewer System 21AType Of Water Body Storm Sewer Outfall into Willow BrookChannel Width ~ 4.5' Channel Depth 0 no water Est. Flow NA

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)

No water. Light brown coarse sand, trace of fine gravel. Sample taken 1' from outfall and about 2-3" deep. Willow Brook has lot of garbage in it (chairs, toys, etc...)

**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Stainless Steel Bowl + SpoonSolvent 1 Used Liquinox Solvent 2 Used \_\_\_\_\_ Other \_\_\_\_\_

Decontamination Procedures Used



DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water Rinse



DI Water Rinse  
Solvent 1 Rinse  
DI Water Rinse



Detergent Wash  
DI Water Rinse



Other

**GROUND WATER CHARACTERISTIC**

TEMP NA pH \_\_\_\_\_ COND \_\_\_\_\_ D.O. \_\_\_\_\_ FREE CL<sup>-</sup> Y/N \_\_\_\_\_ TURB \_\_\_\_\_ TIME \_\_\_\_\_

**SAMPLING**

| SAMPLE           | MATRIX     | METHOD     | VOLUME (ml) | FILTERED (Y/N) | PRESERV.   | TIME        |
|------------------|------------|------------|-------------|----------------|------------|-------------|
| <u>DX 2101X1</u> | <u>CSE</u> | <u>BNA</u> | <u>402</u>  | <u>N</u>       | <u>ICE</u> | <u>1025</u> |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |
| _____            | _____      | _____      | _____       | _____          | _____      | _____       |

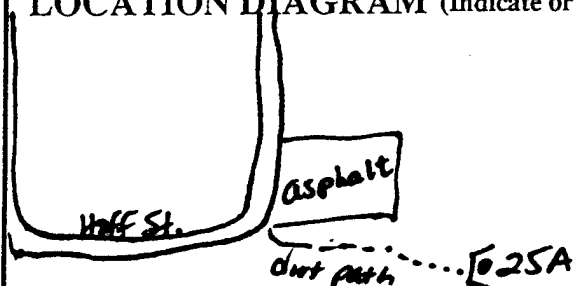
**NOTES**Signature Carolyn MayerDate 7-10-95 No. Of Bottles 1

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95  
Client USREC  
Project Ft. Devens  
Case No. 67065**LOCATION**Sampling Location Description Storm Sewer System 25AType Of Water Body Storm Sewer Outfall

Channel Width \_\_\_\_\_ Channel Depth \_\_\_\_\_ Est. Flow \_\_\_\_\_

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)

No water. Sampled top 6" of sediment. Top inch was coarse sand and fine gravel, underneath was mostly silt, some sand, some roots. Sample collected just outside outfall.

**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Stainless Steel bowl + spoonSolvent 1 Used Liquinox Solvent 2 Used \_\_\_\_\_ Other \_\_\_\_\_

Decontamination Procedures Used

DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water RinseDI Water Rinse  
Solvent 1 Rinse  
DI Water RinseDetergent Wash  
DI Water Rinse

Other

**GROUND WATER CHARACTERISTIC**TEMP NA pH \_\_\_\_\_ COND \_\_\_\_\_ D.O. \_\_\_\_\_ FREE CL<sup>-</sup> Y/N \_\_\_\_\_ TURB \_\_\_\_\_ TIME \_\_\_\_\_**SAMPLING**

| SAMPLE          | MATRIX     | METHOD        | VOLUME (ml) | FILTERED (Y/N) | PRESERV.   | TIME        |
|-----------------|------------|---------------|-------------|----------------|------------|-------------|
| <u>DX250100</u> | <u>CSE</u> | <u>BNA</u>    | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>1010</u> |
| <u>DX250100</u> | <u>CSE</u> | <u>Metals</u> | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>1010</u> |
| <u>DD250100</u> | <u>CSE</u> | <u>BNA</u>    | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>1010</u> |
| _____           | _____      | _____         | _____       | _____          | _____      | _____       |
| _____           | _____      | _____         | _____       | _____          | _____      | _____       |
| _____           | _____      | _____         | _____       | _____          | _____      | _____       |
| _____           | _____      | _____         | _____       | _____          | _____      | _____       |
| _____           | _____      | _____         | _____       | _____          | _____      | _____       |
| _____           | _____      | _____         | _____       | _____          | _____      | _____       |
| _____           | _____      | _____         | _____       | _____          | _____      | _____       |

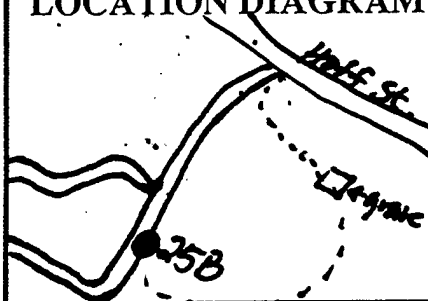
**NOTES**Signature Carolyn MayerDate 7-10-95 No. Of Bottles 3

**Arthur D Little****Surface Water/Sediment  
Sampling Data Sheet**Date 7-10-95Client USPECProject Ft. DevensCase No. 67065**LOCATION**Sampling Location Description Storm Sewer System 25BType Of Water Body Internal Storm Sewer System

Channel Width \_\_\_\_\_ Channel Depth \_\_\_\_\_ Est. Flow \_\_\_\_\_

Discharge Points (Y/N) Location \_\_\_\_\_

Odors, Surface Sheen \_\_\_\_\_

**LOCATION DIAGRAM** (Indicate orientation, sampling locations, discharge/recharge points, etc.)

No water. Sediments consisted of organic matter, silt w/ some coarse sand, lots of pine needles. Top 2" of dirt. Dirt was very hard and dry.

**SAMPLING PROCEDURE**Equipment Used (Calibrated Y/N) Pulnar grab sampler, SS bowl + spoonSolvent 1 Used Liquinox

Solvent 2 Used \_\_\_\_\_

Other \_\_\_\_\_

Decontamination Procedures Used



DI Water Rinse  
Solvent 1 Rinse  
Solvent 2 Rinse  
Solvent 1 Rinse  
DI Water Rinse



DI Water Rinse  
Solvent 1 Rinse  
DI Water Rinse



Detergent Wash  
DI Water Rinse



Other

**GROUND WATER CHARACTERISTIC**

TEMP NA pH \_\_\_\_\_ COND \_\_\_\_\_ D.O. \_\_\_\_\_ FREE CL<sup>-</sup> Y/N \_\_\_\_\_ TURB \_\_\_\_\_ TIME \_\_\_\_\_

**SAMPLING**

| SAMPLE          | MATRIX     | METHOD         | VOLUME (ml) | FILTERED (Y/N) | PRESERV.   | TIME        |
|-----------------|------------|----------------|-------------|----------------|------------|-------------|
| <u>DX250200</u> | <u>CSE</u> | <u>BNA</u>     | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>0940</u> |
| <u>DX250200</u> | <u>CSE</u> | <u>Metals</u>  | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>0940</u> |
| <u>DR250200</u> | <u>CSE</u> | <u>Res/PCB</u> | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>0900</u> |
| <u>DX250200</u> | <u>CSE</u> | <u>BNA</u>     | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>0900</u> |
| <u>DR250200</u> | <u>CSE</u> | <u>Metals</u>  | <u>402</u>  | <u>N</u>       | <u>Ice</u> | <u>0900</u> |
| _____           | _____      | _____          | _____       | _____          | _____      | _____       |
| _____           | _____      | _____          | _____       | _____          | _____      | _____       |
| _____           | _____      | _____          | _____       | _____          | _____      | _____       |
| _____           | _____      | _____          | _____       | _____          | _____      | _____       |
| _____           | _____      | _____          | _____       | _____          | _____      | _____       |

**NOTES**Signature Candice MayerDate 7-10-95No. Of Bottles 5